

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Mike Duke <gmduke@oscar.TECLink.Net>
Subject: [1976] 6 Meter List?
Message-ID: <Pine.GS0.3.95.961015204254.27633H-100000@oscar.teclink.net>

Is there a list for 6 meter ops, or vhf weak signal ops?

I need more email to read.

Mike Duke, WB5ADC, Jackson, MS

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: "Bradley S. Mitchell" <bmitchel@kodak.com>
Subject: [1907] 80 meter Beacon test
Message-ID: <3263AEA5.4EDD@kodak.com>

Good news ,and bad..

The beacon test worked well last night.

Lots of responses!

I lost all the e-mail!

Please re-send to me if you copied the beacon.

Sorry about that folks!

send to bmitchel@kodak.com

P.S. the setup was:

Rig: FT-980 100mw

Antenna:Dipole , north end abt 70 ft south end abt 50 ft.

Keyer: Atomic Keyer with push button jumpered for continuous
sending.

73 Brad WB8YGG

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: wb8ygg@juno.com (Bradley S. Mitchell)

Subject: [1970] 80 Meter Mini Beacon Test Results
Message-ID: <19961014.183233.8735.1.WB8YGG@juno.com>

Ok here they are.
Didn't expect this many!

Station:WB8YGG Brockport, NY FN13AD

Rig: FT-980 Running 100mw

Antenna: Dipole abt 70 ft high on north end,
and 50ft high on south end,
fed with 300 ohm twin lead.

Keyer: Atomick Keyer AK-1 with jumper across pushbutton
for continuous play.

Name	Station	RST	Location
Mike	NV0Y	339/349	NR, WICHITA,KS
Roy	KE4KDT	S9	Kentucky
Tim	NZ8J	439	nr Dayton, Oh.
Joel	WA1QVM	559	Concord, Ma.
Keith	WB2UV0	579	Bergen, NY
Kelly	WB0WQS	S7	Aurora, MO
Alvin Gann		229	

I hope that I didn't miss anybody with all the e-mail
problems!

Thanks all for the fun! I had a blast.

I will run the beacon this weekend, and will announce
later this week the particulars.
73 Brad WB8YGG

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Gary Surrency <gsurrenc@ix.netcom.com>
Subject: [1920] 8044ABM burp mod
Message-ID: <3263A886.2C0B@ix.netcom.com>

Say, does anybody here have the "anti-burp" modification for the 8044ABM
Curtis Keyer chip? If it is on the Web or in some archives, I would like
to know so I can add it to my ARK30 keyer.

Thanks guys,

--

Gary, AB7MY QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996

From: Tim Pettibone <tpettibo@nmsu.edu>

Subject: [1951] A sad tail (FOX that is)!

Message-ID: <199610151930.NAA14065@NMSU.Edu>

Woe is me. Not only was I out of town all of last week but I had a late meeting last night. Arrived home about 1/2 hour before the FOX hunt finish. Heard lots of stations working Mike but not NQ7K. Went up a little and did a 'QRL de AB50U/QRP'. WA6HHQ, Eric, called me right back and we had a short QSO. His little Norcal 40A (and beam) was pumping in a 599+ signal into New Mexico. He gave me the same report, so I know I was getting out. Said my goodbyes after we complained together about not hearing the FOX. Then, at 0358 I hear Eric work him - couldn't hear Mike but Eric was on the verge of being a telepathic signal, almost in the noise. Oh well, there's tonight, and next week, and ...

Tim AB50U

p.s. By the way Mike, seems like since I worked you when I was FOX, you could've (should've) done the same! I'm keeping your SASE until I do work you!

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996

From: "Chuck Brudtkuhl" <cbrudtk@uswest.com>

Subject: [1954] ant advice

Message-ID: <n1366734478.72481@ntsqm1.mnet.uswest.com>

Mail*Link(r) SMTP ant advice

The first question one must ask when determining an antenna is "what do I want to do with it?"

DX? Domestic? There is no "best antenna". E.g. my "best antenna" for a sked with a friend 200 miles away is a dipole at 20ft on 75m. Beats the 75m dx antenna by a good two S-units consistantly. I wouldn't think of even switching it in line though for my friend OE6MBG in Graz.

So based on your lack of requirements, go with the dipole. Less hassle all

around. The vertical in the tree (without a good ground return....i.e. radials or counterpoise) will be a high angle antenna like the dipole at 35' anyway, and probably a lot less noise on the dipole, easier to load, etc etc.

And no, the aluminum siding would not be a counterpoise for the roof vertical. On the other hand, the roof vertical with at least 4 radials will be a decent antenna (much much much better than same antenna at ground level in the tree) and you'll probly work some dx with it.

73 de Chuck, WA0ROI

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: KFGlynn@aol.com
Subject: [1918] App or Web Site for Long/Lat worldwide?
Message-ID: <961015104137_334258880@emout02.mail.aol.com>

Hi gang,

Does anyone know of a software application or a web site that offers a location's longitude and lattitude?

Tnx for info.

73 Kevin KB2TE0

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Mike Czuhajewski <wa8mcq@u1.abs.net>
Subject: [1902] Back issues of QRP Quarterly
Message-ID: <Pine.BSI.3.93.961015072814.23615A-100000@u1.abs.net>

Someone recently posted a request for back issues of the QRP Quarterly. Although I don't know what issues are still available and I don't have the pricing info, Mike Bryce (WB8VGE) has a large quantity of back issues for sale.

Mike is the Membership Chairman of the QRP ARCI, as well as the Publicity Officer, and he is the one who gets all excess issues after the printer sends them out. We don't know exactly how many he has, or which ones, but he did recently tell the Board and Officers that he has them under the table, behind the couch, on top of the cabinets, overflowing the barn, etc. I don't know if he has them indexed or cataloged, but if interested in buying back issues you can e-mail him to the address above in the CC line, or write to

Mike Bryce WB8VGE
Box 508
Massillon, OH 44648-0508

Please note that his old address of 2225 Mayflower (same town) is no longer valid, having moved out a while back, though it will probably appear for years to come in magazines and books :-(

73 and Queue Our Pea DE WA8MCQ

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: George Gingell <k3tks@u1.abs.net>
Subject: [1982] Back issues QRP Quarterly, etc.
Message-ID: <Pine.BSI.3.93.961015223955.12356A-100000@u1.abs.net>

I just read a couple of postings from some of you wanting to increase your knowledge of QRP by purchasing back issues of QRP Publications. A great way to get started on the fast track. You may obtain back issues of QRP ARCI QRP Quarterly Journal from Michael Bryce, WB8VGE P.O. Box 508 Massillon, OH 44648-00508 You may contact Mike via email at 73357.222@Compuserve.com I think I heard that Back issues were now \$4.00 each including postage. Most of the past 5-10 years are available. Please contact mike for details. I might also note that Doug Hendricks, KI6DS offers a set of reprints for QRPp the Norcal Journal. Contact Doug at ki6ds@telis.org for details.

If anyone has any Older issues of The QRP Quarterly that they no longer need, we would be glad to accept them for the Maryland Milliwatt QRP Reference Library. I might add that Chuck, K5FO is searching for people who might have collections of older QRP issues that they would be willing to lend for copying and creation of a QRP ARCHIVE. Please contact Chuck K5FO <adams@sgi.com>

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net
Maryland Milliwatt QRP Reference Library, (301)572-6789

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Dale Anderson <dalea@artemis.fc.hp.com>
Subject: [1932] Bagged the FOX in Ft Collins...

Message-ID: <9610151642.AA15103@artemis.fc.hp.com>

Was able to work Mike here in das Fort. His
RST varied from 559 to 589!!! Not bad since
he is in the WRONG direction for my antenna.

My first fox ever. Yeeha!

72 de Dale, KB0VCC
Fort Collins, CO
QRP-L #91 / CQC #251

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [1988] Blacked Out pages
Message-ID: <199610160329.UAA13514@dancris.com>

I now have on my web page, copies of pages 20, 33 and 36
(schematic), and page 49 of the September QRPp....URL is
<http://www.dancris.com/~ki7mn>.

They won't stay up there too long, about 10 days-two weeks, so
please pass the word to those who need them that they are there.
73,
Bob, KI7MN QRP-L #271, NorCal #1228, CQC #274, QRP ARCI #8918, not in any
order of importance.

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: "Jeffrey M. Poulin" <jpoulin@erols.com>
Subject: [1908] coax info: thanks
Message-ID: <199610151016.GAA25214@smtp2.erols.com>

Dear gang: My thanks to all those who responded to my question about RG6/U
coax. As usual, you not only gave me the benefit of your experience, you
explained WHY things work. (I assure you that this stuff is NOT intuitive to
a former English Lit. major.) Another example of how the people on this list
are the best that amateur radio offers.

Jeff/KF4JSV QRP-L #743

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Jeff Grudin <grudin@pacific.vdbs.com>
Subject: [1974] Confused about SLV
Message-ID: <32642724.7085@pacific.vdbs.com>

List guys,

Well I started to make my SLV last night. Went over to the local hardware store and picked up 130 feet of foam 300 ohm twinlead. They didn't have the cheaper stuff. Ran off 51 feet of it and began winding nice and tight from bottom to top and when I got done, I had 11 feet left. I had read the post the other day saying to make it resonant on 40 you only needed about 23 feet so I guessed I was ok. Then I read another post last night that adding the 50 feet plus 16 feet to make 66 or just about the right length for 1/2 wave on forty.

Which is it? Should I just go on or should I go find a radio shack and get the exact number so I get 51 feet on it.

I'm not sure why a thicker narrower wire would end up using less wire. Since the wire is thicker the distance around would be greater, it should use more wire per turn. Since the wire is narrower there should be more turns per inch, again using more wire.

Thanks in advance.

--

73 de Jeff AC6KW

grudin@vdbs.com

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: NZ8J <timcook@erinet.com>
Subject: [1960] Customer Service!!!
Message-ID: <3263F3E5.767B@erinet.com>

I want to relay this experience to the group. I have a OHR Classic that I wanted to have aligned with some professional instruments. I sent it to Dick at OHR on the 7th of Oct. I got it back today (15 Oct) via UPS, All aligned, replaced a driver transistor, and a noisy volume control. The bill? \$0.00.....not exactly the way to make your first million, but certainly the way to provide customer satisfaction. That OHR 400 is looking better and better!! :)

Tim

NZ8J

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Dick Schneider <74602.3317@compuserve.com>
Subject: [1887] finally, a fox!
Message-ID: <961015041229_74602.3317_EHH64-1@CompuServe.COM>

FOX

Finally got my first fox, but it was tough duty for both of us.

NQ7K 339 MIKE #47 @ 0345Z

I heard him tuning up just before 0200Z, but I was slated to run the Colo QRP Club Info net that first hour. By 0300Z, when the net was done, the QRN at my shack clobbered NQ7K on the Sierra and on the TS850 (attic dipole!).

So, out to the car and the IC706. I heard plenty of stations and relatively low noise. Headed for the nearby library parking lot and set up for a very short field day.

I heard Mike, called him and he called back. Trouble was I was using the rather stiff mic buttons on the 706, which can be programmed as a keyer paddle. At 23 WPM my slow fingers were adding dits all over the place. But I think we managed to get the full exchange.

Mike's signal was pretty feint, but fully readable. I sounded like a real lid! Hi Hi

But, at last, a fox!

72 Dick AB0CD..

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Bill Acito 15-Oct-1996 1403 <acito@asdg.ENABLE.com>
Subject: [1943] For Sale: JPS NIR-12 DSP (repost, price reduced)
Message-ID: <9610151803.AA21517@us1rmc.bb.dec.com>

JPS's top-end DSP unit, mint condition (it is fox season, ya know).

now \$250, I ship in contiguous US.

Bill Acito
acito@asdg.enet.dec.com
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

KC1GS qrp-ne qrp-l adv-rs arci norcal amsat-na arrl-life

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Mike Hughes <macmike@netnitco.net>
Subject: [1955] Four Bay Dipole Plans needed.
Message-ID: <199610152007.PAA28851@aegis.nitco.com>

I am looking for plans for an antenna that was in an Old FM and Repeater handbook. For what I called a four bay diople. See if I can draw it.

$$\begin{array}{c} | \\ | \\ | - | \\ | \\ | - | \\ | \\ | - | \\ | \end{array}$$

Each of the Bays were connected together with a phasing harness. Can anyone send me a copy of the article? My Fax number is (219)696-2436

Thanks.

```

.....
Mike Hughes - ETL List Manager - WF5P                211 Woodland Drive
Preacher                                              Lowell, IN 46356.
Mail to: macmike@netnitco.net                      (219) 696-2436 or 696-3637 H
.....

```

To Receive the latest most upto date list of churches looking write to:
etl-churchlook@genesis.acu.edu
To Receive list of Preachers looking write:
etl-preacherlook@genesis.acu.edu
Lists are updated as we receive new listings. Do your part to help!
"Creativity is a highfalutin' word for the work I have to do between

now and Monday" - David Ogilvy

... .- -- - - --.- . -. .. -. --.- ...- .. .- -.

.

EOF

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: OJWA1YIA@aol.com
Subject: [1985] Fox
Message-ID: <961015231944_544022469@emout09.mail.aol.com>

Howdy from Tx.
Well since the 'Left Coast' boys are startin' to get a little upiddy about all their high scoring fox hunting abilities, we thought we might throw some new blood into the game. Dan was s5-7 here in Houston tonight. He did a fine job of handling the hounds. Heard KK5GJ work him and I followed close behind. Even the BC couldn't cut him down...Solid job Dan...ARCI contest this weekend, look out CA, the Texas Yahoos are coming to town.....
CU----OJ---WA1YIA----QRP-L#732

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: ROYGREGSON@aol.com
Subject: [1897] Fox Finally !
Message-ID: <961015020153_211197864@emout04.mail.aol.com>

After so many times with a high noise level and QRM or forgetting, finally remembered the right night and time. Had the after rain buzz noise, And Mike you were really down in the mud, but had spurts of a more readable signal. Caught you when you were still up and down. After I gave you the 229, your signal started coming up. You were up to a 339 when you QSL'ed. Later when you were working Marshall Emm AA0XI you were up to 579 good steady signal and good sounding rig ! Thanks for hanging in there and hearing me. Sorry about not having my number handy, will have to look it up again. What fun ! Roy
W6EMT

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Barry Keating <Barry.P.Keating.1@nd.edu>
Subject: [1930] Fox Two-For-One Special

Message-ID: <v03007801ae8969e3b026@[129.74.87.62]>

** Novice Fox ** ** Novice Fox **

I (WD4MSM) will be on the air this Wednesday evening (the local date will be October 16, 1996).

As Chuck requested, I will operate "near" 7.112 (please note that my analog dial is probably not as accurate as some of your rigs). I will be on the air from 9:00 pm - 11:00 pm local Chicago time:

WD4MSM -- Novice Fox
Wednesday, October 16th (local date)
9:00 - 11:00 pm local (Chicago) time
0200 - 0400 UTC
frequency: "near" 7.112 MHz
QTH is South Bend, Indiana (90 miles east of Chicago)
QRP-L# 642

Come SLOWLY!!

I WILL get faster and more accurate in copying as the hunt progresses.

** Two-For-One Special ** ** Two-For-One Special **

On this same night N9DD (also in South Bend, Indiana) will be a regular fox (on 7.037 MHz). Bag two foxes in one night! Tom will be operating 0100 - 0300 UTC. Our operating times are staggered and so the distinct possibility of working both foxes exists.

Barry Keating
WD4MSM

>

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: George Gingell <k3tks@u1.abs.net>
Subject: [1983] FOX:
Message-ID: <Pine.BSI.3.93.961015225412.12356B-100000@u1.abs.net>

That frisky little rascal was spotted briefly at 7.111.7 at 0105z tip towing thru Maryland. I put out the trap, but he slipped thru. :^(Chuck, do we get credit for hearin him ? :^) I think I just read in CQC something like "Just log it. If you could hear him, you COULD have worked

him." :^)

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@abs.net

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Mike J Pulley <Mike_J_Pulley@ccm.ch.intel.com>
Subject: [1937] FOX: "Skip Zone" demonstrated

Mike "Phoenix Homeboy" NQ7K,

I thought catching the fox last night would be duck soup. Now I know why the skip zone question appears in the FCC question pool. To explain why I couldn't hear the you.

I live in Chandler, about 30 miles across Phoenix from you, and you almost showed up in my earphones. Almost. But not quite. If you lived in Albuquerque or ten miles closer, I'd have nabbed you. But we fell into each other's skip zone. I only spotted your silhouette from the other circling hunters.

I tried to hear something reflected off an airplane's wings (is that "P-layer ducting"?). Nary a whisper.

Then I considered grabbing the 40-9er and calling you from your driveway! :-) Since I don't hail from CA nor TX, it just didn't seem worth it.

In the mean time, I did hear Mexico (XE3AE), Canada (VE3, VE5 & VE7), and Alaska (NL7), plus scores of others.

Mike, that was one of the most intense listening evenings I've spent! Either I'm developing new skills or I'm getting too old for this. Maybe both. :-)

Regards,

-- Mike Pulley, WB4ZKA

Phoenix, Arizona USA
Mike_J_Pulley@ccm.hf.intel.com

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Joe Gervais <vole@primenet.com>

Subject: [1958] FOX: Halloween Conspiracy
Message-ID: <199610152018.NAA29837@primenet.com>

Greetings,

So I'm filling out the rest of October's Fox schedule on my calendar, and I notice that WA1GUV is scheduled for 0200-0400 UTC Nov 1st, which translates to prime Trick-or-Treatin' time on Halloween night here west of the Mississippi.

Clearly a conspiracy to keep those of us with kids off the air during the Hunt. :-) :-)

Guess this means I'll be QRP foot-mobile. Maybe I can dress up as a Cushcraft R-7....

Cheers de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPions

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [1986] FOX: Heard NQ7K, but...
Message-ID: <Pine.LNX.3.91.961015201216.6087A-100000@dt1.datatamers.com>

I copied Mike 579 until 0220Z when he faded out. Couldn't transmit due to an equipment problem (since rectified). I'll be there for the next Fox supporting the CA team!
72, Dave, W6EMD

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [1968] FOX: hungry
Message-ID: <199610152310.SAA15803@multi2.pic.net>

Last Thursday night, I was wedged into a 727 about 35000 feet above Ohio. This was line of sight to the fox, but the airline doesn't allow 40 meter hunting on board. Boy, was I frustrated.

When Monday came around, my nose was twitching, my ears were perked, and my G5RV was 1 to 1. When that fox poked his fuzzy face out of the noise, he

didn't have a chance. I was hungry. Of course, I left my scent to let everyone know this was a CALIFORNIA fox! (Must have worked!)

Thanks, Mike, for a fox well done.

Mike K1MG
Saratoga, CA

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Patrick Taber <ptaber@logiccraft.com>
Subject: [1903] FOX: I'm batting 1000
Message-ID: <1.5.4.32.19961015121155.0095ef10@freebird>

Noise, it was nothing but noise. At first I thought I had an antenna problem, but then I found a RTTY signal and someone sending CW about four times faster than I could receive, so I spent my time listening and going back to the fast code signal and copying down every fourth letter. Practice makes perfect -- I was getting two letter groups (with wide gaps) by the time I gave up and slid down to 80....

>>>==>PStJTT (KC1TD)

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: rright@primenet.com (Roger Hightower)
Subject: [1929] FOX: Jumped right over the top
Message-ID: <199610151546.IAA18096@primenet.com>

Not a whisper of the fox here east of Phoenix....guess his sig jumped right over the top. I could hear others calling, passing the name/st/nr info, but not a sign of Mike. No ground wave at all.

1 fer 4.....not good.

72/73 de Roger AA7QY

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Bill Myers <bmyers@destin.nfds.net>

Subject: [1910] FOX: No did hear
Message-ID: <1.5.4.16.19961015074535.1b772cd6@destin.nfds.net>

Well...

My first night to be able to play and.....

I'm pretty sure I heard a couple of stations calling him, but no Fox here.

Guess I'll do some antenna work today and try again tonight. Got two tonight so maybe I'll get lucky.

I did realize that my CW is not anywhere as good as it used to be, really gotta get back on the air more often and get my speed back up.

Maybe if I got a fox hunting dog.....

72/73

--

Bill Myers KK4KF FISTS #2390 QRP-L #755 ARRL
Snail Mail P. O. Box 178
 Shalimar, FL 32579-0178
Grid EM60
e-mail <bmyers@destin.nfds.net>
homepage <http://destin.nfds.net/~bmyers/>

CHECK OUT THE FISTS HOMEPAGE <http://n9nvv.qrp.com/~fists>

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [1946] FOX: NQ7K's nite
Message-ID: <199610151828.SAA13869@chuck.dallas.sgi.com>

Mike, NQ7K, in the western state of AZ was the fox on Monday night. At the appointed hour of 0200UTC I sat down at the operating position with the trusty OHR Exp II and started carefully tuning from 7.030 to 7.047 MHz looking for all the weak signals and sometimes stopping for the strong signals.

I went up and down the range of frequencies where the *sly* one would most likely be for 35 minutes and did not hear a peep out of anything remotely sounding like the NQ7K or a QRP-Ler. So I went scouting the competition and picked up the instrument of destruction manufactured by Southwestern Bell Telephone and called Doug, KI6DS, leader of that

famous gang in California that is really pulling out all the stops to beat the gang in Texas. Turns out he hasn't heard a peep either. So we chat too long and I let him go (notice the tactic here to hold up the competition that has propagation in their favor) to see if he can catch Mike on the air.

Sure enough a little later I hear Eric, WA6HHQ, work Mike, although I can't hear a dit outta NQ7K. I know we are in trouble in Texas this evening. I don't see any way to get the game called due to rain, QRN, digital interference, or other acts of nature or man.

Like others I heard AK (and I tried for this one, but no go), F3NB, Cuba, and other DX but not the QRPers. After the two hour session I was lucky enough to run down to 80m and catch one station there.

It's still early in the season so the game isn't over yet. Keep the lady behind the curtain until March.

I'm sure the gang in CA has got something cooking for Pacificon when I get there. But I will keep listening for all the tricks those guys are using so that the guys here in Texas can counter all of them. I have confidence in the guys here in the Lone Star State. We're down but we aren't out.

So the score is probably CA 4 - TX 1 almost through the first inning where I am approximating 6 foxes per inning.

We do appreciate all the people who sit night after night and don't work the fox. It's part of the game. It's a test of man and machine at it's best. Propagation is everything in this game.

gl to all

: Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50
: EMPS QS0s=2 STATES(w/c)=2/0 DX=0
: MO TN

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: "Phil Sikes" <psikes@whidbey.net>
Subject: [1889] FOX: Number 1
Message-ID: <199610150424.VAA09924@islander.whidbey.net>

Hello to the group and all you foxy critters out there. I finally had a night off for one of the fox hunts. Guess what!! I got the fox!!! Nice signal into Whidbey Island, WA. Now if I can only convince my boss to let me bring a rig to work and string up a permanent antenna from the top of the building I could have some fun. Thanks Mike for

being my first Fox.

73 - Phil

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: N9DD@aol.com
Subject: [1987] FOX: Re: Fox Hunt Info Needed
Message-ID: <961015232405_1279749207@emout07.mail.aol.com>

In a message dated 96-10-15 15:05:05 EDT, you write:

<< In your example, the Fox sends his report and a BK then the hound sends his report and a BK then the Fox answers with a BK and ends the exchange (without a "dit dit"???) Did you forget a BK or is there a reason the Hound doesn't send one after the Fox's? >>

I didn't forget. There is no reason for the hound to not send a BK in response to the Fox's. I tried not to make my example perfectly balanced and structured so that guys wouldn't get the idea that they had to follow an exact script. In my example of an exchange, the fox sends QSL to indicate verification of what was sent and the hound sends R R. You will hear stations do one or the other usually but rarely anything else. True, when one station sends BK to indicate "back to you", it is common for the other station to send BK and then proceed, but many stations will just start in with what they have to send. Probably the main point I was trying to make was to keep it brief and to the point and to show some of the "lingo" that is common in a contest exchange.

As for the missing dit dit... I probably end 99% of my regular QSOs with one but rarely in a contest. To me it doesn't seem to "fit" the occasion. However, if I'm in one of those more leisurely contest where you might exchange a "Hello Pat. good to hear you on", etc. I might throw in the dit dit. It's kind of a extra little goodbye that links us cw loving ops.

Good questions! Thanks for the message and I hope the bands improve for Wednesday night. They don't sound all that great now. I hope to work you.

73,

Tom N9DD

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996

From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>
Subject: [1892] FOX: Report on NQ7K
Message-ID: <M1100162.001.awgd0.1.961015045748Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Gotcha, you wily rascal! And just in time, too. Mike's signal was a good 579 when I worked him at 8 minutes into his shift. He was working stations as fast as he could go. By 0230Z he and nearly everyone calling him had faded away into that great black hole in the sky. Is that where the foxhole is?

Anyhoo, thanks for the run, Mike. I'll hang this foxtail up on my barn door with the others. I hope others were able to hear you before the band died.

72, Bob N6WG

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [1914] Fox: The way it's done
Message-ID: <199610151341.JAA18676@mh004.infi.net>

There was this fox hunt, see? There was me and this whole pack of hounds after one special Fox. We not only had to catch him, we had to record his tag number.

It started at 0220Z, and we spent a just a few minutes searching through the woods when the hounds took off, hot on his trail. They howled and barked with such a racket that I knew they had him holed up.

Well, I came over a little ridge and could see them off in the distance circled around what must have been his hole. One of them would get brave and make a run toward the center with "Yip,!! Yip,!! Yip!! then scoot away quickly. I couldn't see or hear the Fox, but I was sure he was there. So I just settled down and waited for him to show his head. I leveled my trusty NW40 at what appeared to be the center of the circle and listened. Once in a while, I'd make a little correction in direction as I heard and watched the hounds in action.

Then, after an hour, at about 0300Z, I saw a nose and then a head appear amongst the hounds. I could hear him sniff the air!! The hounds were momentarily frozen stiff at his boldness. I fired off two quick shots - "AE4IC! AE4IC!" and was rewarded with a resounding yelp from the fox. "AE4IC", he yelped. Evidently, I only winged him, though, because he disappeared back into his hole before I could get the number off his tag.

He was wounded, and would either die in the hole, or make one last run for

it. I waited, and so did the hounds, lying around in their great circle
Once in a while one of them would let out a "Yip!", just to wake the others up.

After nearly another hour, the hounds had just about given him up for dead.
Most had wandered off, chasing rabbits or frogs - there were one or two
asleep near the hole. It was 0355Z, nearly time for the hunt to end. The
Fox knew it was his one last desperate chance. Again, he raised his head
into plain view. I fired, he yelped, and this time gave up his tag number.
It was all over.

And that's the way it's done.

CUL,
Bob Kellogg, AE4IC
Probably, but not nececelery. - Benny Hill

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: wa5whn@juno.com (Jay D Miller)
Subject: [1921] FYBO Gear & Shake Down Cruise
Message-ID: <19961015.091915.4463.9.wa5whn@juno.com>

Dear Fellow QRP Compadres,

Oct. 19, 1997, my Lovely Bride (WB5LYJ) & I will be at the following
Lat. & Long. to test out the gear for the upcoming
"Freeze_Your'_Buns_Off" QRP AField event, sponsored by those Az.
scQRPions, who have to simulate these conditions, by turning on their
swamp coolers, in Feb. @ home. (Feb. 22, 1997 to be exact).

Lat. 36 degrees 01 minutes 36.1 seconds North
Long. 106 degrees 50 minutes 10.0 seconds West

Elevation: 9,600 feet asl. Temperature, below freezing @ night, and
maybe a dusting of snow (For the scQRPions, it's that white cold stuff
that falls on mountains, north of Prescott, Az., around Flagstaff.)

(We will be ~ 1 mile SE of the San Gregorio Lake, New Mexico)

We will be testing the SW-80 & Sierra & Ten-Tec Argo (5 watts) & 1 HB
xcvr too, at that altitude & Weather conditions. Really strains the
batteries too. Small bearings, in the pots, tend to break down too, below
30 deg. F. LCD display segments do funny things @ that temperature. The
antenna is a Wyndom, cut for 160 meters @ 80 feet (Tall Pines), through a
tuner. Maybe we will work a few of the Boy Scout JOTA stations too. 80

meters cw is our target band, but occasionally, we will drift (pun intended) up to 40 & 30 meters cw. Oh, we will also have the 10 GHz gear with us too, pointed @ Los Alamos (Hint). We will be near 2 frequencies, on 80 meters, 3.579 MHz & 3.71 MHz, then near the usual QRP calling frequencies on 40 meters (7.040 MHz, + or - QRM) & on 30 meters, 10.116 MHz cw. Nothing special, just playing with the gear, in conditions, that we may see in Feb.. We will be on 80 meters cw, after 0300 UTC Oct. 20th or after 9:00 PM MDT, on Oct. 19th. 40 cw opens to the VK's & ZL's around 0900 UTC, so I might chase some QRP DX too.

I have to remind myself, that in Arizona, cold weather is when You wear socks, with Your' sandals & Bermuda Shorts with T-Shirts & Raybans ;-)
Thank goodness for Gortex. :-)

72...Jay, WA5WHN

PS There will be extra dots & dashes sent, because it will be cold.

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: wa5whn@juno.com (Jay D Miller)
Subject: [1925] FYBO QRP AField Shake Down Cruise
Message-ID: <19961015.095011.4463.12.wa5whn@juno.com>

Dear Fellow QRP Compadres,

Correction: Date should read Oct. 19, 1996, not 1997. Excuse the bandwidth.

BTW, battery efficiency can drop by as much as 15% below 20 deg. F. I used to lay the batteries out on a black tarp, in the Sun, during the winter, in the Field, to raise the temperature a few degrees F. Don't enclose them, since NiCads still vent Hydrogen gas. Anyone remember the films of the Hindenberg ?

Also, don't confuse my comments, about the Az. scQRPions having to wear socks with their Sandals, bermuda shorts & Raybans, with a California Unix Programmer's attire. They only wear socks, to a formal meeting, in California. ;-)

72...Jay, WA5WHN

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Doug Hendricks <ki6ds@dpo1.k12.ca.us>

Subject: [1964] Game 5, Fox World Series

Message-ID: <1.5.4.16.19961015143233.0b37806c@telis.org>

The results are in. California 10, Texas 2. Game 5 was expected to be a high scoring affair, and it was, but only for the leaders, the boys from California. Texas, suffered a huge loss due to horrible propagation conditions that prompted their leader K5FO, to place a call to me to ask for help in locating the fox.

He doesn't know this, and don't you dare tell Chuck, but I had just got off the phone to Bob, N6WG, and found out that the Fox was on 7.042 but very, very weak at 02:35. Bob reported that he was loud at the beginning but suddenly dropped out. Knowing this, I figured that Propagation was changing and that it was getting longer. Since California is closer to Phoenix than Dallas, I decided to keep Chuck on the phone to take out 1 more Texas operator. He thought that he was keeping me off, but actually it was the other way around. My wife had to make a trip back to Kansas and she called at 5 minutes to 7 and by the time she finished telling me all about the trip back to the midwest, it was 7:20, and no fox to be heard. (Chuck, did you call JoAnne and give her a time to call me??? I am suspicious, but can't prove anything.)

Here is the breakdown for last night.

California OPs	S	R		Texas Ops.	S	R	
K1MG, Mike	57	57	02:07	N5ET, Bob	55	44	02:18
N6ULU, Stan	59	59	02:11	KK5GJ, Dave	44	55	03:57
N6WG, Bob	59	56	02:12				
W6BAB, Harvey	57	57	02:24	(Note this is Harvey N6MM)			
AA6R, Gary	59	55	02:27				
WA6OWR, Jerry	55	54	02:31				
KQ6AG, Dennis	55	55	02:39				
N6GA, Cam	57	55	02:41				
AB6DG, John	55	44	02:53				
WA6HHQ, Eric	55	44	03:58				

Thanks to all the California dependable ops who did the job on Monday Night. Say, maybe that was it, all the Texas guys were watching Monday Night Football. By the way Chuck, I have no doubt that you will get the Texas boys back on track, but it is time to bring out the big guns. We are taking this deal serious, in fact, we have scheduled a whole conference for this weekend to all get together and plan strategy. It is called Pacificon, we even invited you as a diversion to keep all of the other Texas spies out of the area. Please understand when we suddenly disappear and leave you talking to Wilber and Leroy. You know the guys with the plaid bermuda shorts, striped shirt, polda dot boxer shorts hanging out the left leg, pocket protector, taped glasses, big belly, pulling a wagon?

Don't tell the boys but we even have Paul Harden who just happens to work at the biggest Antenna Farm I ever saw, the VLA (stands for Very Large Array) to give us a hint or two. We have Derry Spittle and Ed Burke talking on QRP SSB, just in case you ever decide to do SSB fox hunting in order to

catch up, as we all know how you like to talk in Texas. Surprised that you haven't thought of that one. But if you figure it out, it won't work, because our guys will be trained in that diversionary tactic by two of the world's best.

Plus we have Bob Tellefsen, an expert on Field Day operation. Why is he talking to Fox hunters? Hey, we have guys that work for a living here and have to travel up and down the state. Bob will give them plenty of hints on portable operation.

Leaving no stone unturned, we have our Aces, the Big Boys with the Big Signals, Stan Goldstein and Eric Swartz on a panel with some guy from Texas named Adams (like to have balance you know). Stan has NorCal 40 DXCC #1, and Eric has NorCal 40 DXCC #2, plus Stan has won the last two years in the Fox hunt, once as a Fox and once as a Hound. Hey, you can learn from your enemies too. The guy from Texas, this Adams guy, has WAS almost on 3 bands with .95 WATTS, he must know something that we don't.

Chuck, you are even giving a presentation. Actually we want you here to explain the rules of fox hunting in a public forum. We have a few questions and we want answers. Like, how did you come up with the wildly successful QRP-L idea? How did you think of the Fox hunt, How did you think of the EMPS and the TMPS?? Inquiring minds want to know.

California Fox Hunters. Pacificon is the place to be this weekend. Forums all day Saturday, 1 on Sunday, and the biggie, Saturday night at 7:00 PM the "Fox Strategy Meeting", but we have disguised it as an "Open House/49er Building Contest", so don't tell anyone with a drawl what is really going on. Hope to see you there.

72, Doug, KI6DS

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: tony@wilkes.ak.planet.co.nz (Tony Wilkes)
Subject: [1992] HB: Cleaning PCB
Message-ID: <666@wilkes.ak.planet.co.nz>

Hi Gang

The OHR100 kit is taking shape - do I clean the solder side with something when I have all the components on, like meths , and then do I coat it with something to protect it ?? like clear laquer

I'm packing up for the evening now - need your answer in the morning ;-))

Thanks

Tony

Tony Wilkes --- Whangaparaoa, on the North Island, New Zealand
Royal Forest & Bird Croquet

ZL3SLH & G3SLH > QRP-L #717 QRA >RF73JF

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: lhalliday@creo.bc.ca (laura halliday)
Subject: [1947] HB: LC VFO, SMD
Message-ID: <199610151901.MAA20896@BC.net>

Holy acronyms, Batman!

I amused myself yesterday (Thanksgiving here in the Great White North) by building a surface mount VFO. It's a plain little affair, a slightly modified version of what's on page 36 of Solid State Design. The modification is that I used a voltage regulator chip (78L06 in a SOT-89 package) instead of a 6 volt zener diode...

The results are impressive - the complete VFO exhibits zero warmup drift, and I can just barely tell that it drifts with temperature. The pc board is the size of a postage stamp (25 by 40 mm, and it's not at all crowded), so I'm going to mount it in a minibox with the tuning capacitor out one end and power and RF output out the other end. I'll mummify the board and toroid (80 meters, so it's a T68-2) in bubble packing and wedge them inside, which should ensure both thermal and mechanical insulation.

While building a stable 80 meter VFO is hardly a feat, I'm sure the fact that chip capacitors usually have C0G/NP0 temperature coefficients doesn't hurt - I bought one of Digi-Key's assortments. While there are SMD inductors available in useful values, their Q doesn't impress me, so I'm sticking to old-fashioned toroids with hefty wire for now...

Oh, BTW: I approve of keeping the whole pot pourri of postings on QRP-L. Isn't the variety part of the fun? Don't we already have too many competing/bickering factions?

Laura Halliday VE7LDH	"C'est une femme mutine, assez
lhalliday@creo.bc.ca	elegante, grave et legere, ayant le
ve7ldh@amsat.org	sens du confort et du plaisir
Locator: CN89mg	en tout." - C. Deneuve

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: "JOHN F. McCLUN" <JFM001@DENTAL3.AB.UMD.EDU>

Subject: [1901] HB: Location of Ham Home Brew Server
Message-ID: <176D1D7692@dental3.ab.umd.edu>

SRI Gang-

Should have put the procedure for ham- homebrew in the message...
but here it is: Send message to <listserver@UCSD.edu>, yes thats
the correct address. In the body put "ADD <address> ham-homebrew"
. This will get you subscribed to the list server similar to this one. If
you send a message of "help" you will get back a list of commands
for telling the listserver how you want the system to work. Hope this
helps those who asked.

John <N3REY>
Always QRP!

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Bill Myers <bmyers@destin.nfds.net>
Subject: [1940] HB: SLV Pole arrived...
Message-ID: <1.5.4.16.19961015122243.1a471e9c@destin.nfds.net>

Well...UPS just delivered the Black Widow pole.

Guess what I'll be doing this afternoon?

Just as soon as I get through with the MANDATORY chores here today (It's
cage cleaning day here and with 6 Iguanas, a water dragon, Egyptian Spiny
tailed lizard, 6 snakes, a Tegu, and cages of rats and mice, it takes a
little while to get it all done. And putting it off IS NOT AN OPTION,
regardless of priorities, darn-it).

Hope to have is together to try to catch a fox tonight...

72

--

Bill Myers KK4KF FISTS #2390 QRP-L #755 ARRL
Snail Mail P. O. Box 178
Shalimar, FL 32579-0178
Grid EM60
e-mail <bmyers@destin.nfds.net>
homepage <http://destin.nfds.net/~bmyers/>

CHECK OUT THE FISTS HOMEPAGE <http://n9nvv.qrp.com/~fists>

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
 From: 15-Oct-1996 1106 <randolph@asic.ENET.dec.com>
 Subject: [1924] HB: temp comp for varactors?
 Message-ID: <9610151522.AA27589@us4rnc.pko.dec.com>

Ok, here's a homebrew question...

I've seen a couple of different methods of using a diode junction for temperature compensation of the tuning voltage on a varactor diode.

One basically parallels the temp comp diode and some variable resistance with the varactor, giving a voltage across the varactor which tracks with temperature. This appears, for instance, in NN1G's new White Mtn. transceiver.

The other puts the diode in series with the tuning voltage, giving a 0.7V drop in the voltage which tracks with temperature. This was used by DeMaw in an old varactor VFO article.

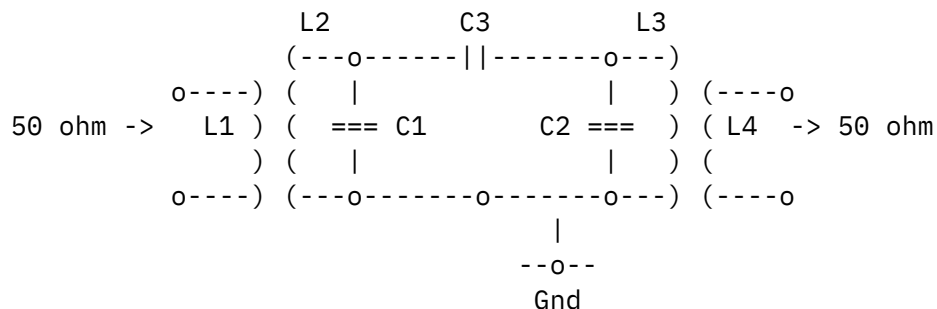
One of these methods has to be wrong. Which one?

```
=====
Tom Randolph  N100Q  NE-QRP 419  QRP-L 87  ARRL      randolph@asic.enet.dec.com
=====
```

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
 From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
 Subject: [1956] Help: Filter design/analysis
 Message-ID: <3263ddcf.pandora@pandora.lugs.org.sg>

Hi Gang,

I am trying to design a filter and am in need of some help. I'd appreciate if someone could help me go over my calculations:-



Filter: Bandpass
 Design: Butterworth?
 Centre: 14.060 MHz
 Bandwidth: ?
 Skirts: ?

L1,L4 3-turn #24 over L2,L3 respectively
 L2,L3 18-turn #24 on T37-6 core
 C3 10 pF?
 C1,C2 ? about 100 pF (see below)

Okay, here we go. For core material -6 we have A1 rating of 40.
 Since:-

$$N \text{ (turns)} = 100 * \sqrt{L/A1} \quad L \text{ in } \mu\text{H}$$

$$L \text{ (}\mu\text{H)} = (N/100)^2 * A1$$

thus:-

$$L = .18 * .18 * 40 = 1.296 \mu\text{H}$$

Given centre of band as 14.060 MHz, we get:-

$$XL = 114.49 \text{ ohms}$$

In order for L2,C1 and L3,C2 to resonate therefore:-

$$XC = -XL$$

thus:-

$$C = 98.87 \text{ pF} \quad (\text{is this right?})$$

QUESTION: How do I determine the correct value for C3?

Continuing:-

Since the secondary inductive reactance is 114.49 ohms, the equivalent parallel resistance that must load the resonator externally is:-

$$Q_{wL} = Q_e * XL = Q_e * 114.49 \text{ ohms} \quad \text{----- (1)}$$

Since impedance ratio is square of turn ratio:-

$$\text{impedance ratio} = (18/3)^2 = 36$$

secondary impedance (end loading) is:-

$36 * \text{primary impedance} = 36 * 50 = 1800 \text{ ohms}$

substituting into (1)

$Q_e = 1800 / 114.49 = 15.72$

If we assume Q_e approximately equal loaded Q , then:-

$\text{bandwidth} = f / Q = 14.060 / 15.72 = \text{approx } 900 \text{ kHz??}$

QUESTION: I have a feeling this is too large a value so I must have made a mistake somewhere. Where?

Incidentally, this filter came from the preselector of the "Integrated Contest Grade CW Station" found in page 225 of Solid State Design (Hayward/DeMaw). I am trying to convert the basic filter into a 50 ohm in and 50 ohm out filter without the variable capacitors. Therefore I am trying to work out the exact values of the capacitance needed. I might still use low value trimmers to tweak the value a little but the 90 pF used is a little high.

I need help working out C_3 as I don't know how to do this. I also need help working out the bandwidth of the filter given the values above. I do not know the Q of the -6 material at 14 MHz, nor do I know how to work this out correctly.

I'd appreciate any help in resolving this problem and exercise for me. Thanks.

73 de 9V1ZV Daniel

--

```
*-----+-----+
| Daniel Wee | daniel@pandora.lugs.org.sg      |
| 9V1ZV      | danwee@singnet.com.sg                 |
| QRP-L #667 | daniel.wee@f516.n600.z6.fidonet.org |
+-----+-----+
```

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: ukii@megsinet.net (ukii)
Subject: [1912] I Give UP! Guying Tower...
Message-ID: <01BBBA71.A253EAE0@randolph2er1-22.megsinet.net>

Ok Gang,since just about everyone said that I would be a fool
not to guy this teeny tiny 9ft top section,I Will!!!

I never guyed anything,so,now I beg your indulgence

once again,into my delema...

My wife really cant stand my antenna's,any of them!
And this top section on the back porch roof is my way of saying
"better here than on the new roof or in the new siding".
Problem... the back porch roof is 7ft by 20ft.

If the section is mounted at the "baseline",that would
only give me 2 spots to put the guy anchors...(hopefully 10ft
away in each of the 2 directions is OK?) what do I do for the 3rd
wire? It is possible to go downward,from maybe the 6ft mark on the tower
to the very peak of the roof,where I could stick a big eyehook into
the siding,(2ft away from section) where my xyl wouldnt see...

ANYWAY... for those following this,can I use
that R/S hardware and cable,or do I need to use some of that
cable they have on crane's to lift steel beams?

Any help with guying this monstrosity
would be of great help...(happy Basil,Patrick,and Steve!?)

Thanks again...de john
N9UKX

Chicago

Patrcik...ok,order on importance,,haha,Halloween is coming
and they DO have electronic versions of the EGG TOSS!
tnx...

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: "Michael Connor" <mikec@primenet.com>
Subject: [1949] Initial results for Mon. 10/14/96
Message-ID: <199610151904.MAA27274@primenet.com>

Gang,

Here is the log for last night's Fox Hunt. Let me know if
I have any typos and I'll correct it before posting
final results.

TIME	STN	S	R	ST	NAME	NR
0207	K1MG	57	57	CA	MIKE	614
0209	NQ7X	59	59	AZ	FLOYD	343
0210	W5VBO	59	59	AZ	BRIAN	404
0211	N6ULU		59	59	CA STAN	66
0212	N6WG	59	56	CA	BOB	26

0214	KK5RO	57	55	OK	VERNON	325	
0218	N5ET	55	44	TX	BOB	123	
0220	WA0RPI	55	55	MN	JIM		N/A
0224	W6BAB	57	57	CA	HARVEY	2W	
0225	NN9K	55	53	IL	PETER		05
0227	AA6R	59	55	CA	GARY	406	
0229	W8DN	55	53	OH	MIKE		575
0231	WA6OWR	55	54	CA	JERRY	5W	
0236	W6EMT	44	22	WA	ROY		5W
0239	KQ6AG	55	55	CA	DENNIS		303
0239	KC7NEV	57	57	AZ	JOE		191
0241	N6GA	57	55	CA	CAM		700
0244	AB7HI	57	56	WA	STEVEN		68
0247	WA8CDU	55	55	MI	BILL		412
0249	AA0XI	55	55	CO	MARSHALL		153
0253	AB6DG	55	44	CA	JOHN		48
0256	AE4IC	55	44	NC	BOB		54
0259	KD0SU	44	53	CO	PAT?		?
0303	AB5UA	55	33	OK	CLIFF		478
0308	WA5QVK?	22			--- QSB ---		
0313	W00Q	55	55	CO	MARTY	5W	
0316	K9DZE	44	33	IN	ALLEN		112
0319	KS4L	33	34	AL	RANDY		468
0322	KJ7NS	55	55	WA	PHIL		528
0327	AB7OA	55	52	AZ	KENT		57
0337	W7SNV	44	45	WA	AL		N/A
0338	AB7ST	55	55	UT	BOB		129
0347	AB0CD	33	33	CO	DICK		483
0352	KB0VCC	55	55	CO	DALE	91	
0357	KK5GJ	44	55	TX	DAVE		339
0358	WA6HHQ	55	44	CA	ERIC	4W	
0359	KK6MC/5	44	44	NM	JIM		411

I used the OHR400 thru a St. Louis Tuner to a dipole at 30ft, strung north to south. Used internal keyer with an old Bencher.

The band seemed to be in pretty decent shape for the first hour, with some QSB and QRN picking up later in the evening. I wonder if the 0100-0300 time slot would have been a better choice.

About halfway thru the Foxhunt I paused and called for eastern stations only, to give any weaker stations the chance to work thru. Couldn't pull anyone out, but what was notable was the courtesy of all the other ops on freq. I mean the activity just STOPPED. Called QRZ again and activity resumed. Qrp'ers are truly class act ops.:-)

The World Series

Whew! Dunno whether it was band conditions or whether I was hoppin over TX, but CA came walking up to the plate with a bat in each hand.:-)

CA - 10

TX - 2

State Totals :CA-10,CO-5,AZ-4,WA-4,TX-2,OK-2,
1-MN,IL,OH,MI,NC,AL,UT,NM,IN

36 Q's total (lost one due to QSB)

Farthest Contact- AE4IC, Bob NC. Actually worked him twice; he snuck in near the end and nabbed my number.:-)

Many thanks to all who participated; my apologies to those I missed. It was great fun, and I look forward to doing it again in December.:-)

Cheers,

Mike

NQ7K

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Greg Weinfurtner <weinfurtner@ouvaxa.cats.ohiou.edu>
Subject: [1913] LOWfer stuff from WORW
Message-ID: <v03007800ae8932ec88b8@[132.235.72.11]>

Gang,

Paul sent a list of LOWfer URLs! Here is the copy of his note to me. Thanks much Paul!

Yes we are here (lowfers). Many beacons are listed in WWW beacon list...

<ftp://users.aol.com/lwcanews/longwave/fmfbcns.txt>

<http://www.bluefin.net/~mike/hobby.html>

<http://users.aol.com/lwcanews/lwcanews.html>

<http://cellini.leonardo.net/berri/wun>

<http://www.mdsroc.com/navaid>

<http://www.grove.net/index>

i put out a Sierra Module construction plan for 160 khz on QRP-L on 19 Sept. 96.

If we keep making a lot of noise this band will be a Ham band soon.

(you have to use a 55 foot antenna).
The brits just got a 75KHz band.... 72 Paul, de w0rw@kktv.com

72

Greg Weinfurtner AEE BSS
Electronic Design Splst
Ohio University Athens
GO BOBCATS!

weinfurtner@ouvaxa.cats.ohiou.edu
<http://ouvaxa.cats.ohiou.edu/~weinfurtner>

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: KFGlynn@aol.com
Subject: [1936] Mon Nite Fox Joe N2CX
Message-ID: <961015131140_211464876@emout10.mail.aol.com>

Hi gang,

Regarding Joe N2CX's message I couldn't hear the fox nor anyone working him.
I managed to get a 40M dipole late yesterday finally, no way near perfectly
tuned, but it got me on 40M last night.

I worked a G3 and two other stations last night. Also worked AB4VP Rodger in
Ft Worth, TX on 7041 who was also QRP. That felt pretty good. Tried up
until 0400z but swing and a miss from NYC.

73 Kevin KB2TE0

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: "duane" <duane@flinet.com>
Subject: [1896] My First contact on 30
Message-ID: <199610150551.BAA14320@shell.flinet.com>

Well folks I did it. My first CW contact on 30 meters.
I sent CQ 3 times and low and behold I got a reply. My hands shook as I
tried to answer him back it was WA4AUC Bob in Greenville S.C. I'm located
in South Florida. Well Bob was an understanding kind of fellow and didn't

seem to mind the poor code I was sending. He even gave me a 569 rst report. he was 599 well being there's no S meter on the explorer II he sounded like 599 any ways. I had connected my rig to a friends Antenna (Eric WD4KPG) it was a Dipole 120 feet long fed with ladder line into a tuner feeding it with full output power about 2.25 watts. My dipole doesn't seem to work as well as Eric's Antenna. BTW my power supply was a 12.5 volt Nickel Cadmium H7434 which came off the back of a Motorola HT-90. Hey who could complain not only did I get my first contact but Eric gave me a Dentron JR Monitor Antenna Tuner while I was at his house. He told me he was goint to sell it at the West Palm Beach Ham Fest for 20.00 but gave it to me so I could put up a real ANTENNA. Looks like I'll be stringing wire all over the place now. Sorry for boring all you good folks but I just had to tell someone. Let me say thanks to all who helped me build this rig it was my first kit and many more to follow.

thanks and 72's all around !

Duane AB4BE Qrp-L # 710

<http://www.flinet.com/~duane>

duane@flinet.com

ab4be@amsat.org

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996

From: Bob Patten <n4bp@shadow.net>

Subject: [1926] N4BP/VP9 October 16-20

Message-ID: <Pine.SOL.3.91.961015115423.27355A-100000@hyper>

In March of this year, I was fortunate to win the Bermuda Contest. Fortunate, since the first prize is an all expenses paid trip to Bermuda! As of now, the airline tickets and VP9 reciprocal license are in hand and I will depart Fort Lauderdale tomorrow, Wednesday, October 16. I'll be bringing my Kenwood TS-430S and four band vertical along and hope to be on the air by Wednesday afternoon, Thursday morning at the latest.

On Wednesday through Friday, I'll be running 100 watts output and will operate at or near 7040, 14060, 21060, and 28060 Kc. for CW
14285, 21385, and 28385 Kc. for SSB.

No operation is contemplated for 40M SSB, 80M (either mode) or VHF.

The QRP A.R.C.I. Fall QSO Party takes place on October 19/20 and I plan to participate as N4BP/VP9 until I must leave for the airport around Sunday noon. During the QSO Party, I will run five watts output and operate at or near the CW QRP frequencies of 7040, 14060, 21060, and 28060 Kc. The party starts at 1200Z on Saturday. The rules are listed in the major ham publications such as QST and the QRP Quarterly. ANY CALLS ARE

WELCOMED REGARDLESS OF POWER!

Bob Patten, N4BP

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: "Bob Follett" <bfollett@ditell.com>
Subject: [1978] Netscape vs Microsoft Watchers
Message-ID: <199610160223.UAA30816@orion.ditell.com>

NOT QRP related..

For those of you who watch the battle between Netscape & Microsoft, look at the latest news release from Netscape:

<<

In a major strategy announcement, Netscape Communications Corp. [NASDAQ:NSCP] said it plans to focus its software products on corporate intranets and to "embrace and integrate" Microsoft Corp. [NASDAQ:MSFT] platforms and products. Integration of Microsoft Office, BackOffice, Windows 95, Windows

NT,

and ActiveX technologies with Netscape One will occur in future versions of Netscape's Open Network Environment (ONE).>>

Now back to the Fox. Dan, KB9JL0, is doing a great job, but got clobbered by voice qrm early on. I was returning my info when the QRM started. Geeez, much worse than operating on 7.040!

73, Bob

Bob Follett AB7ST, QRP-L # 129, NorCal, ARCI, 10-10, ARS
2861 Estates Dr. VOICE: 801.649.6457
Park City, UT 84060 E-mail: bfollett@ditell.com

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: wa5whn@juno.com (Jay D Miller)
Subject: [1980] NM-Az..
Message-ID: <19961015.180657.4551.5.wa5whn@juno.com>

Hey Paul,

Darn, Doug had nearly figured out our secret weapon, "The Plains of San Agustin", with a little help from our friends in Gakona, Alaska. We need to teach Joe (Az. QRP crowd), if You steal, steal big. None of this just a St. Louis antenna stuff, You want the whole "enchilada". Let's see, NorCal can bribe us with the new SST, and Texas can leave our water a lone.

BTW, those of us who had seen that fireball (twice) in the sky over Tx, NM, Az, & SoCal (Remember our "QRP AField" report ?) & Oct. 3rd, it would appear ("The Albuquerque Journal", Oct. 15, 1996, front page "Scientists: Meteor A Repeat Performer" Fireball zipped in, out and in again.
<http://www.abqjournal.com/>

What does this have to do with QRP you might ask ? It happened when us QRP types were out in the Field operating. Well, at least those of us in the SW-USA. UCLA (For those of You in New Mexico, that is NOT the University of Corrales & Lower Alameda) is offering \$5K (US) for a fragment from this meteor, and the they figure the lowest part of it's orbit, while grazing the upper Earth's atmosphere, was over Artesia, NM. See what You People are missing living on the Left & Correct Coasts ?
;-)

Get Your' Radios & Yourselves out into the Field.

He-he-he, place the call to Gakona for ionospheric shutdown @ 0159 UTC 8-) , just west of the Colorado River.

From the White House West (Actually, that's what they call Albuquerque now, since "You know who, is here".)

72...Jay, WA5WHN

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996

From: Tom_Jennings <jennings@eng16.rochny.uspra.abb.com>
Subject: [1909] No Fox Again in Fairport, NY
Message-ID: <jennings-9609151248.AA000129898@eng16>

Hello all you fox hunters!

Dissappointed hunt again here in WNY :(No fox. I listened from 10:10 until about 10:50 to a very dead band. Of the few stations I heard most were very weak. Better luck next time!.

73,

Tom, kv2x

Thomas J. Jennings | Tel: (716) 273 7071
Senior Engineer | Fax: (716) 273 7262
ABB Industrial Systems Inc. |
Post Office Box 22685 |
Rochester, New York 14692-2685

Internet: jennings@jennings.rochny.uspra.abb.com

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: wdzeares@rockdal.aud.alcatel.com (W. Dennis Zeares)
Subject: [1904] No FOX in N. Dallas
Message-ID: <9610151210.AA21619@aud.alcatel.com>

Hey what a game, NO FOX in N. Dallas!!! Bummer.
72, Dennis K3ETS

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: "Bruce Pea" <pea@soltec.com>
Subject: [1981] No FOX tonight... !!!
Message-ID: <199610160251.VAA16589@isis.soltec.net>

Well I thought it was going to be a slam dunk ... Being only forty miles from Dan, KB9JL0, the novice fox tonight, I thought I would bag him for sure but no luck :-(

Promptly at 8:00pm CST I heard a mini pile up at 7112 and that was about all I heard. I guess being forty miles away isn't close enough and not far enough away either.

When's the next novice fox hunt scheduled??!!

73,72

Bruce, N9WKE

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: John Fletcher <johnf@innotts.co.uk>
Subject: [1895] Norcal 40
Message-ID: <199610150547.GAA28434@carlton.innotts.co.uk>

Hello All!

Two years behind the times, as usual, I've just decided to try building a Norcal 40. The information I have is from Sprat 79, and no details are given for the driver transformer in the collector of the 2N2222A. Can anyone supply this information, please? Also there is no PCB layout, just a sketch of the board showing component positions. The labels are illegible. What is the left-hand control on the front panel? Is it AF or RF gain? Is the other gain control adjusted through a hole in the case? Is the Tx drive level adjustable from the outside?

Thank you in anticipation,

John G4EDX G-QRP 2038

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Bob White <bobwhitewo3b@geocities.com>
Subject: [1979] Novice Fox KB9JL0
Message-ID: <3262F980.2093@geocities.com>

Found my first Fox, and a Novice to boot. That was the ice breaker.
Watch out guys and gals.

Good job Dan you sound like a pro!

I was running 5 watts, into a 571 foot loop up 55 feet and fed with 450 ohm ladderline. My QTH is located 12 SE of Baltimore. Good sandy soil

with a water table of about 2 feet.

72,
Bob White W03B
EMPS 0,0,0,0 but getting round to it
<http://www.geocities.com/siliconvalley/5582>

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: GARY McCAUGHEY <MAIL4GARY@worldnet.att.net>
Subject: [1977] Opinions pse on S&S TAC-1
Message-ID: <19961016021839.AAA14050@LOCALNAME>

Hello! I am thinking about buying the S&S TAC-1 40 mtr. QRP kit.

Opinions please.

Thanks for all replies.
73
Gary
WA2UAX
QRP-ARCI #8911 QRP-L #593
CW is the REAL THING!

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Mike Hughes <macmike@netnitco.net>
Subject: [1957] Plans for QRP Rigs
Message-ID: <199610152014.PAA30030@aegis.nitco.com>

Does anyone know where to get plans for rigs to build for QRP using SSB?
I would love to try SSB with 5 watts on 40 meters. But would love plans
for any band for SSB and even CW but mainly SSB would be nice for winter
time use.

.....
Mike Hughes - ETL List Manager - WF5P 211 Woodland Drive
Preacher Lowell, IN 46356.
Mail to: macmike@netnitco.net (219) 696-2436 or 696-3637 H
.....

To Receive the latest most upto date list of churches looking write to:

etl-churchlook@genesis.acu.edu

To Receive list of Preachers looking write:

etl-preacherlook@genesis.acu.edu

Lists are updated as we receive new listings. Do your part to help!

"Creativity is a highfalutin' word for the work I have to do between
now and Monday" - David Ogilvy

... .- -- - - --.- . -. .. -. --.- ..- .. .- -.

.

EOF

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996

From: nskousen@scientech.com (Niel Skousen)

Subject: [1922] QSL's

Message-ID: <v02140b01ae895a361b64@[198.60.91.132]>

Does anyone have a QSL 'maker' on a Mac, or in MSWord ?

First CW QSO's in 8 yrs last night :-))))),

getting ready for Novice Fox tonite...

Nothing like a little fear and trepidation to cause one to get it in gear

Look out Dan & Barry, I'm up to 3.5 wpm !!!

72 Niel

Niel Skousen, SCIENTECH Special Projects nskousen@scientech.com
208.525.3742, FAX 529.4721 Idaho Falls ID WA7SSA QRP-L.119

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996

From: Dave.Ackrill@westwood45.powergen.co.uk

Subject: [1906] RadComs

Message-ID: <961015094700Z*/G=Dave/S=Ackrill/O=westwood45/PRMD=POWERGEN/
ADMD=CWMAIL/C=GB/@MHS>

Thanks to all who replied about the RadComs,

I won't be throwing them away as there seem to be several people who are interested in having them, so what I intend to do is to let the first to reply have first refusal and then, if he backs out for any reason or doesn't want all of them, then I'll offer them to the second etc., etc.,

Thanks for the interest. Anyone who mailed me direct should have had a direct reply by now.

Cheers de Dave (G0DJJA)

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: PasDave@aol.com
Subject: [1898] Radio Shack DSP filter
Message-ID: <961015030816_127039292@emout02.mail.aol.com>

I know I'm coming in at the end of the discussion, but could someone tell me the RS stock number for the DSP filter everyone has been talking about. I'd appreciate it very much if you'd reply directly to PasDave@AOL.COM

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: George Gingell <k3tks@u1.abs.net>
Subject: [1984] SLV & QRPp
Message-ID: <Pine.BSI.3.93.961015225953.12356C-100000@u1.abs.net>

I received my pair of "Black Widow's" last week from Cabela's, now if my QRPp would just show up so I could figure out what to do with them. :^) I guess I could take my Grandson and go fishin' if all else fails. :^)

Wonder if they will work as a phased array lashed to the back of the car. QRPp Mobile. :^)

I wonder if any MD,DC,VA,NJ have gotten their QRPp yet. I have received 72,QQ,CQC,T5W,SPRAT,73,CQ & QST this month. Starting to worry...

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: JessQRP@aol.com
Subject: [1989] SLV Black Widow has arrived.
Message-ID: <961015233237_212100692@emout01.mail.aol.com>

Hi all,

Got the Black Widow from Cabelas today. Arrived in a nice reusable cardboard shipping tube. I was not familiar with this type of rod at all. All of the ones that I have seen B4 have had loops all the way up. Didn't even know that they existed. Stopped at the Shack and picked up some twinlead, and 24ga speaker wire and an assortment of alligator clips.

Per the instructions I wound about 50 feet of twin lead on the bottom section. The lighter twin lead that the Shack sells coils on the pole very nicely. Very nice quality pole by the way. I did clip off the two brass hook thingies that were on the bottom (what are those for anyway?). Did not count the number of turns but did wrap very nice.

Decided to make the vertical radiator out of speaker wire. Soldered the wires together at the bottom of the coil and left about a 3 in pigtail. I soldered the wires together at the top and then soldered on a male lug connector.

Measured out the radials and notched them and attached alligator clips to the ends. I made up the vertical radiator out of the speaker wire and just used a solder ring on the top that would just slip over the pole tip. I put a female spade connector on the end of the radiator.

I think that the total time spent from the time that I started until it was a done deal was about 2 hours. I did just wrap the bottom of the coil and the top with electrical tape to hold the coil in place. I think that I will wrap the rest of the coil in tape or just cover it with some large heat shrink. I have not had a chance to put it on the air as I did not have enough twinlead left over for the feed line, but I will pick some up tomorrow and see what is what with the RF-1.

I have read all of the posts and articles on this antenna and have not seen any mention of the designed input impedance. Anyone know? Is it 50 ohms, 300 ohms or what? Of course once I get the SWR analyzer hooked up I will now a lot more. I would have done that tonite but got dark. I did slip it over a stick in the back yard and "set it up". Took about 10 minutes in the dark by feel. Not the time to be setting up a black antenna!

I am looking forward to getting it on the air and refining the design a bit. I need to come up with a better way of attaching the ground radials (I made 4) and the connector between the coil and the radiator. I may just solder the radiator on solid and then coil it around the coil for storage, not sure. I will be going to the cabin near Rocky Mountain National park in November and you can bet that this is the antenna for that "dx"pedition.

Not all I have to do is decide what radio to build next....Norcal 40 with KC-1...GM40.....OHR100.....WM 20 meter SSB (I AM a CW op I am I am)hmmmm...

More to follow on performance and stuff....Plan on doing a side by side with the Gap Titan if the weather holds.....

Best
Jess N0TFI

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Doug Hendricks <ki6ds@telis.org>
Subject: [1905] Special Guest Appearance by Famous QRPers
Message-ID: <32633D7E.F94@telis.org>

Guys, this Saturday and Sunday is Pacificon. And in conjunction with the event, NorCal QRP Club is sponsoring 6 QRP Forums, at NO Charge other than the entry fee to the convention. The following World Famous QRPers are speaking by invitation:

Chuck Adams, K5F0
Derry Spittle, VE7QK
Ed Burke, KI7KW
Stan Goldstein, N6ULU
Eric Swartz, WA6HHQ
Bob Tellefsen, N6WG
Paul Harden, NA5N

All QRPers are invited to attend. And, Saturday night will be the first ever West Coast QRP Open House featuring a 49er building contest judged by Chuck Adams, K5F0. The top 3 entries will win the first 3 SST kits to be mailed by NorCal. Everyone is invited. Open house begins at 7:00PM, judging at 8:00. 49ers entered in the Dayton contest not eligible, but the Dayton builders may build new rigs to enter in this contest. Rigs must work. See you this weekend. 72,
Doug, KI6DS

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [1941] Star/QRP Party
Message-ID: <199610151744.LAA14783@zia.aoc.nrao.edu>

The annual Enchanted Skies Star Party was a great success, along with the QRP station that Howard K9PV and myself kept on the air much of thursday, friday and saturday night. We had over 40 QSO's during that time, most of which were good old ragchews, and many with hams who were also amateur astronomers. We worked both coasts, a KH6 and a ZL3 (on 40M!). Only disappointment was not working but a couple of guys from the list.

It was a QRP Afield type of thing ... we put up two tents, a vertical and used MFJ's, an NW40 and Howards IC-706. The site was about 15 miles from Socorro atop a ridge (about 6000 feet) on the Pound Ranch. Saturday night was the dark skies star party and chuck wagon dinner. Over 100 of the star party attendees showed up. My estimate is 25% are also hams, judging by the guys who stopped into the tent because they heard the CW ringing from the speaker. Many others (non-hams) also stopped in to see what hamming was all about.

Tom Bopp, the co-discoverer of the Hale-Bopp comet, is very interested in becoming a ham. He sat down with us Friday night for over two hours and listened to the QSO's. While Howard was on the key, I wrote down the QSO letter-by-letter. Howard did the dictation when I was on the key. Tom Bopp was AMAZED at how many hams knew who he was. We taught Tom to send "HI" in CW, which he did on several QSO's. It made the day for several hams. Tom lives in Phoenix (Floyd or someone in PHX/ScQRPions send me an email; he wants to go to a club meeting and needs a little help/encouragement).

The Hale-Bopp comet is now a naked eye object in the southern skies, right in the dark rift of the Milky Way. It is 300 million miles and five months away, yet its nucleus was measured by several amateurs at 4 arc minutes. The comet is estimated to be 80 miles in diameter, and could very well be the brightest comet in most of our lifetimes. Closest approach will be March 22, 1997. Stay tuned for details (I'll post updates periodically for those interested). This is a comet you will NOT want to miss. It should still be a beautiful object during the upcoming NorCal QRP Afield next April. Plan on spending the night for QRPA somewhere!

Well, hope to catch up on my sleep next few days so I'll be in reasonable shape next weekend for PacifiCon. CU there.

72, Paul NA5N

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Al Moyle <moyle@essc.psu.edu>
Subject: [1917] The Black Death
Message-ID: <2.2.32.19961015142747.003064ac@pop3server.essc.psu.edu>

Well, the good news is that my copy of the September QRPP arrived this morning ... the bad news is that it too has the Black (page) Death. Page 20

is a bit rough, but readable. However, Pages 36 and 49 are completely black. Of course, I deleted the messages from the folks who offered to copy the missing pages ... any help would be much appreciated.

72,
Al Moyle N3KFL

By the way, worked 159 QSO's (all QRP) to the tune of 38,257 points in last weekend's PA QSO party. Heard W6TOY ... heard and worked WA3YON in the test. Great fun ...

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: "Dan Reynolds" <bcdlr@midwest.net>
Subject: [1993] Tuesday N/T Fox Results
Message-ID: <199610160401.XAA22158@cdale3.midwest.net>

First let me apologize. My CW is better than this. I got really nervous, couldn't remember how to take code. It was pretty amazing. I either heard 50 people or nobody. The interference was incredible. They chased me away from 7111.8 where I started all the way down to 7109, (foreign BC SSB and digital). I appreciate your guys patience. You earned it! Not only that, my favorite pencil ran out of lead into the first qso, the kids were on the rampage, and the toilet stopped up. Boy, was the XYL happy! Anywhere here are the results:

KK5GJ Dave TX 339
WA1YIA OJ TX 732
AB7ST Bob UT 129
W5TFB Jack TX 282
AA7WT Mal MT 5 W
KC1FB Jim CT 29
KB0PJ Steve ?? ? W (I think)
WA1QVM Joel MA 337
KU7Y Monte NV 17
W03B Bob MD 195
WA5WHN Jay NM 638
N6KR Wayne CA 490 (I think)

Well I tried. There are a lot of new states in there for me. And this was the first time I had my Kenwood TS830S down to 5 watts. My antenna is 100' Vee up 65' in a pine tree, fed with twin lead (cheap twin lead mind you) to a balanced tuner.

Thanks guys, 73 Dan

Dan Reynolds - Technology Coordinator

Lutheran School Association of Decatur, IL
ham radio: KB9JL0 packet: KB9JL0@N9KGZ.#CIL.IL.USA.NOAM
web: <http://www.midwest.net/orgs/lisa/>
email: bcdlr@midwest.net or lsa@midwest.net

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Jeffrey Herman <jherman@hawaii.edu>
Subject: [1894] Variable caps needed
Message-ID: <Pine.GS0.3.93.961014193018.22694C-100000@uhunix3>

Can someone help the following person find variable capacitors?

Jeff KH2PZ

From: JC <jcerny@execpc.com>

Subject: Re: /V capacitors 75mf 100mf

I was wondering if you could tell me where I can find variable capacitors for 75mf (2), 82mf, and 100mf (2).

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: "rohre" <rohre@arllut.utexas.edu>
Subject: [1971] VLF and Stark Lab kits, Canada
Message-ID: <n1366719083.41709@msmailgw1.arllut.utexas.edu>

Hope that title gets someone--

I heard about on an ARRL bulletin, (W1AW-list-request@arrrl.org), is that the last of the Alexanderson Alternators at a site that is now a radio museum in Sweden is going to be doing a Morse transmission on 17 k Hz. Since some Lowfers post here, I thought I would mention this. I believe it is coming up Oct. 23. Not much time to get a receiver going. There is a novel receiver that would be easy to build:

Now what I would like to ask of the many experimenters who are also from Canada, is anyone familiar with the Stark Electronic Lab kits from the mid '60's? Canada, as a member of the Colombo (aid) Plan supplied these to trade school electronics courses in Malaysia.

What I am looking for is the schematic found in the Stark Lab experiments that uses the kit parts to make a multi-vibrator, (flip flop) that was used with one more transistor to make a form of direct conversion receiver for VLF in the 10 to 50 kHz range. At least, I remember using the Stark kits to do this with my students at the time, but if the diagram came from the Lab manual with

the kit or not I am not sure.

If someone still has access to the Stark kit materials, perhaps you could confirm or not if such a schematic was in there. I am going to try to find 31 year old Teaching notebooks; and see if I have the circuit. It would be an easy way to implement a Lowfer receiver for this historic transmission. (Or another simple receiver for even HF!)

Basically, the block diagram in words is this: A random wire antenna was connected to a series AM radio trap circuit to remove AM BCI. Then the signal line was carried to a transistor used as a single stage mixer in some way, with local oscillator being provided by the two transistors in the flip flop circuit. That way, with reasonable resistors and caps, (and only one tuned circuit), you got to the low frequencies with a stable oscillator. I remember we were successful in hearing the West coast USA, Navy CW VLF stations with this lash up. I guess we fed the mixer output to an Audio amplifier that was also in the Stark Lab.

I think they were an Ontario company.

Anyone have the circuit, or has seen it elsewhere?

Thanks in advance,

Stuart K5KVH

rohre@arlut.utexas.edu

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996

From: k5rov@juno.com (JAMES PARSONS)

Subject: [1893] Re: 2, 6 mtr AM phone

Message-ID: <19961014.220102.4671.0.k5rov@juno.com>

On Thu, 12 Sep 1996 19:26:31 PST kd1jv@juno.com (STEVEN WEBER) writes:

>Boy, do I miss 2 Mtr AM. One of my first HB projects that really
>worked was a three tube AM 2 Mtr transmitter and a converter using the
>new MPF 102 Jfets, (which replaced the modified TV tuner) way back in
>High school. Some of my school ham buddies had CD Gonsets their dads
>had in the shack, and we would sit for hours on end chatting and
>fooling around and nobody cared! You'd call CQ for 20 minutes then
>tune from 145 to 145.5 looking for an answer. Now that was some fun. 2
>mtr FM and repeters ruined it all. <sigh, for the GOOD ol' days>

>

>de KD1JV, Steve in NH. Once WN2HMT/ WB2HMT in N.NJ.

>

>

>CQ 2 meters....(X100).... CQ 2 Meters, anyone out there?

Well, Steve, I started on 2 meter AM in 1938. At that time it was actually two and a half meters (112-116 mhz). I used a type 27 tube with the base removed so it would work on that frequency. It was in a modulated oscillator/super regenerative detector configuration, and used just the one tube. I really don't know how much power we were running. The wires coming out of the glass envelope were soldered directly to the rest of the circuit.

The tube was taken from an old Atwater Kent broadcast radio. So was the power supply, which was in a separate chassis in those days. As a kid, I did not have much sense, and got across the 250 volts of that supply a few times. I am lucky to have made it through those years. If my parents had known of the dangers, the whole mess would have been thrown out.

We could tell when the receiver was working because it made a rushing sound. The microphone was an F-! button stolen from a public phone. You just unscrewed the cover of the handset and you had a free mike (yes, I am ashamed to admit that I did that). The headphones were made by Murdock, up in Chelsea, Massachusetts, my old home town. The microphone required a battery for it to operate. We got as much FM as we did AM, but it didn't matter because the receivers were so broad anyway. When you listened across the band, you could tell if another station was listening because you could hear his receiver....it put out almost as much signal as the transmitter did. We didn't have coax so I went up to the roof with the whole mess and used a whip for an antenna. There were very few stations on the band so it was a thrill to work anybody.

The commercial rig of the day was the Abbott TR-4 (I think). It was a transceiver but had an RF stage to stop the receiver from putting out so much signal. It cost more than the average ham could afford, at least a school kid. But those were tough days for everyone.

We never really knew if we were in the band or not, but it didn't matter because everybody knew those were useless frequencies and would never be used for anything. The only test device we had were called "leecher wires", and we could tell our approximate frequency using those, but nobody really cared too much.

Right after the war we went to the present band. Most of us used a piece of military equipment called the SCR-522. It was really great and gave us a chance to work DX. But it did require a pretty good high voltage power supply. It had been made to be remotely controlled, but we pulled out all that stuff, and made it single frequency. When we would call CQ, we would just tune the band. The receiver had been crystal controlled, but a mod came out in one of the magazines for making it tuneable. It was very broad, and unstable, but it got the job done.

Those were good ole days. there have been many such days in my years of hamming. Like building my first tritet oscillator, using a 6L6 tube and a Bliley crystal. The circuit was called the "QSL-40", and came out in QST during the late 30's. My receiver was a regenerative detector that worked fine except that if I got my hand too close to the bakelite panel, the signal would disappear. My first DX station was F3RA, and what a thrill when I got his QSL. I lost him after our exchange of signal reports because I tried to tune him in better and body capacity took him out of the picture. Then I went to the National SW-3 regenerative receiver, and then the Hallicrafter Sky Buddy.

In 1963, I and a friend of mine decided to get on amateur television. There was no equipment available in those days that anyone could afford, so we made our own, except for converting military UHF equipment. I still have the first camera I ever built. Did you ever wind 5000 turns of NR 32 wire on a toilet paper roll center for a focus coil? The deflector coils were really something to build because they had to be wound flat, and then made to fit on the vidicon. We got the vidicon from a TV station. They let us have it because it had a spot burned into it. But it worked fine for us. The lens came from an old 8mm movie camera.

Gosh, I could go on for hours, but I have bored everyone to death by now. Enjoy your memories; they are precious!

Best 73 and God bless.....

Jim, K5ROV

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: rflight@VNET.IBM.COM
Subject: [1916] Re: 80 meter help (a tutorial - long)
Message-ID: <199610151352.JAA256544@nss2.CC.Lehigh.EDU>

I became involved in 80 meters QRPp quite by accident, and now I can't break the habit.

I'm a personality that just can't seem to let the phone ring and divert to the answering machine. If I hear it ring, I'm compelled to answer... even if it really isn't convenient. I'm psychologically challenged I suppose :-)

It is this flaw in my genetics that I attribute my addiction to QRPp.

While in my den/shack/workshop/doghouse/etc., I turn one of my rigs on with the volume down low (or just at the threshold of marital bliss) while I go about doing what I need, want, or just happen to do. I suppose I started doing this out of guilt... I get caught up in the ho hum of everyday life, and forget to

take time to get on the air and play once in awhile. What harm is there in just listening? I can enjoy the "ambiance" in a non-interfering manner while continuing with physical activities of lesser quality.

I switched the rig to 80 meters, and tuned around for a nice peaceful rush of white noise in some secluded spot at the CW end of the band then went straight to my work. I probably got caught up in some activity for half an hour or so when a station hammering out a CQ broke my concentration. He was strong, so I knew he would soon get a response... Nothing... CQ CQ CQ again... Still no response. I soon found myself getting restless, and my thoughts went something like this:

"Gee this guy is going to think nobody hears him! There doesn't seem to be anybody around that wants to chat with him. I don't really have time to chat, but I should at least give him a call and let him know that somebody is listening. If I do, I'll end up in a QSO for half an hour or more, and I won't get this 'important' stuff done!"

This thread was interrupted with yet another chorus of "CQ CQ CQ", and I felt that time was running out.

"If I don't call this guy soon, he will go elsewhere, and never realize that he was putting in such a good signal. I'm going to feel real bad because I didn't even attempt to call him back... Hey! I know what I can do... I'll crank my power way down, and give him a call. He surely won't hear me if I run only 100 mw. Perhaps he will hear just enough to know somebody is calling him, be satisfied that he was heard, then go peacefully on his way and find another frequency where somebody is waiting to engage in a QSO. He will be satisfied that he was heard, and I will have freed my conscience that I had acknowledged his presence. Not much time invested, and no harm done."

So I thought!

I bought into this arcane thought process, cranked the power down to 100mw, sent his call once, followed by de N3GO K. As I rudely jumped up to head back to whatever it was that I was doing which was of a much higher priority; I heard N3GO N3GO N3GO de "HIS CALL HERE"

"$... Why did I go and do that? No I have to talk to this guy!"

I scrambled for a pencil, dug under my stack of "to do" paperwork for a note pad, and settled into my operating position while shoving parts, books, and debris aside to get my key oriented such that I could execute a brief exchange of the necessary accounting information.

"Wow! only 100mw" is the typical reply. "UR 579 and gud cpi hr" is another commonly heard phrase. An hour or so later, my XYL walks into my den, and glares at me, while I return an expression most associated with an adolescent

who just got caught with his face covered in chocolate.

This episode reruns all too often to refer to it as luck. I operate at 100mw and above, only when I need to rise above the QRN to make my weekly KnightLites appearance. I keep a QRO schedule with a friend of 20 years every Monday morning; running 100 watts only because it's the macho thing to do :-). Last Monday morning, I even established contact with him W2KK in Md running only 1 mw, and when we went to SSB for our regular weekly "Chat", we kept the QSO by bumping the power by 30 dB to a whopping 1 watt. This was quite an accomplishment on my part... Dick has been a hard sell. It took me 10 years to get him to sell his KW gear. We will be back to 100 watts next week I'm sure:-)

The "tricks" (if there really are any) to success on 80 meters QRP can be summarized as follows:

- 1). Listen... CQ's are plentiful, and most don't respond to very weak CQ's.
- 2). Respond to stations with very high signal strengths. Remember you are 20 dB lower in signal strength on his end if he is running 100 watts to your 1 watt. If he is 20 dB over S9, and QRN is S8 or less, you have a good chance of being heard, and folks who call CQ tend to listen for weak signals. They think they might catch some rare DX, and somehow feel that the more rare the DX, the weaker the signal. Go figure.
- 3). Don't stick to QRP calling frequencies. The band is your universe. Go exploring.
- 4). Don't waste your time attempting to call a station that is calling CQ DX. They will generally ignore you, unless you meet his qualifications for DX. The only exception to this is that if you hear the station very very strong calling and calling and calling and calling... without reward... give him a quick call... His call once and your call once or twice. I have snagged some excellent ragchews in this manner. Just don't be offended if you get ignored.
- 5). The band is best several hours after sunset to a few minutes after sunrise. You will have limited success during the day, except for some short hop stuff. If the signal you are calling is close to the noise, you will likely be buried in it. This is the primary parameter to honor.

Why do I make contacts so easily at QRP levels? The stations I hear at signal levels over S9 and calling CQ are running 5 watts or less. There just isn't a lot of difference between 100mw and 5 watts (roughly 3 S-units). The moral to this observation is that you can be successful if you call CQ at QRP levels... The only additional criteria needed over your QRO counterparts is a bit more patience. Hang in there.

Gary, Raleigh, NC

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [1890] Re: 80M QRP help!!!
Message-ID: <199610150442.EAA09275@chuck.dallas.sgi.com>

Bruce et.al.,

I have a modified Windom (33' and 92' on each side) of 300 ohm window line. I too am on a small lot now. See my signature on what I have managed with 950mW and this antenna in two years. Modest setup to say the least.

On 80m in 30 days I've managed two QSOs. I think the problem is QRN at the present time. Just had a 30 minute QSO with a guy in TN. His 559 my 449 I have experienced the same frustration level that you are going through. You can hear a bunch but they can't hear you and long CQs (3x3's with periods of listening) yield very little at the present time.

Oh, this antenna is only up about 12 ft at the highest point. Works well on the higher bands and seems to work on 80m, but time will tell. Let us know when you are going to be on and what freq range you are using.

The QRP calling frequency is 3.560 and both my Qs have been 2xQRP so far so good but it is slow. A lot slower than 40m and 30m.

Hang in there. You are not alone.

The last QSO was 15 minutes ago. Small world and I did come down to under 1W on 80m. I just couldn't stay at 1.5W. :-)

..

: Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50
: EMPS QSOs=2 STATES(w/c)=2/0 DX=0
: MO TN

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: "Michael Connor" <mikec@primenet.com>
Subject: [1953] Re: A sad tail (FOX that is)!
Message-ID: <199610151949.MAA13948@primenet.com>

Tim,

Funny thing about that SASE. I had sent you my card and that

SASE when I worked you on your FOX night. You were so quick about mailing out your cards that I received yours about a day after I mailed out my card to you.:~)
Yea, just hang on to that SASE, we'll just fill it another time.:~)

Cheers,
Mike
NQ7K

> p.s. By the way Mike, seems like since I worked you when I was FOX, you
> could've (should've) done the same! I'm keeping your SASE until I do
work you!

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Elmar Vaheer <ekv@intercall.com>
Subject: [1923] Re: App or Web Site for Long/Lat worldwide?
Message-ID: <3263D65D.41B3@intercall.com>

Yes,

<http://www.mit.edu:8001/geo>

72
de KB2VTN

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: "Basil Arrick" <basil@mail.airmail.net>
Subject: [1934] Re: App or Web Site for Long/Lat worldwide?
Message-ID: <m0vDCmk-000F1TC@mail.airmail.net>

> Does anyone know of a software application or a web site that offers a
> location's longitude and latitude?

I just messed with this last week. There are two very good map sites that I used.

The U.S. Census Department's Map Server
<http://tiger.census.gov>

MapQuest, Inc.
<http://www.mapquest.com>

Basil (Darin) Arrick, KB5KHR
basil@turn.com

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: "David F. Kurth" <dfk@col.hp.com>
Subject: [1950] Re: App or Web Site for Long/Lat worldwide?
Message-ID: <199610151907.AA074266451@quantum2.col.hp.com>

> Does anyone know of a software application or a web site that offers a
> location's longitude and latitude?

For those with telnet access, you can access the World-map database server:

telnet martini.eecs.umich.edu 3000

It also gives population, elevation, and county.

73 Dave N0UVR
dfk@col.hp.com

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: tony@wilkes.ak.planet.co.nz (Tony Wilkes)
Subject: [1962] Re: Don't leave me now
Message-ID: <665@wilkes.ak.planet.co.nz>

Hi Dave

I will let you and the group know it all goes. I expect some problems.

The OHR kit was extreemly well packed and I have started assembly - I am a tad slow :-))

The kit looks very complete - for example , the dc power socket is provided but so is the dc plug with about four foot of cable on it. Even a 2 inch piece of wire to go from the board to the ant socket .

The RF-1, is a new device to me. Among other things it measures C direct in pf so was able to check out some unknown variables. I got it in order to maximise simple antenna so still have to try that bit .

Will keep you posted - what was your main interest OHR or Autek ?

Tony Wilkes --- Whangaparaoa, on the North Island, New Zealand

Royal Forest & Bird

ZL3SLH & G3SLH > QRP-L #717 QRA >RF73JF

Croquet

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [1915] Re: Finally, freq. counter for Classic
Message-ID: <199610151341.JAA16855@mh004.infi.net>

Hi Daniel,

At 06:50 PM 10/14/96 +0800, you wrote:

>

>This afternoon, after finally getting my newly procured synthesized
>signal generator (eat your hearts out guys!, I got this for US\$30 and it
>covers 1 to 130 MHz), I decided to re-align and fine tune the Classic. This
>was very easy to do when you have the right tools (including a newly
>procured 4-ch 150 MHz Tek 2445A which cost me US\$60 or so ... heh heh..
>drool! and of course, not to forget the HP5315B frequency counter that
>counts up to 150 MHz and above for only a meager sum of about US\$15). Okay,
>okay... I'll stop bragging about the instruments...>

>I then drilled a few holes and filed them
>into a square (nope, I don't have a nibbler although I could use one :-))

Don't worry, Daniel, soon you'll be telling us you've located a mint
condition punch press and a cabinet full of dies for \$75.

Good job on the Frequency counter, thanks for the post!

CUL,

Bob Kellogg, AE4IC
Prolably, but not nececelery. - Benny Hill

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: N9DD@aol.com
Subject: [1944] Re: Fox Hunt Info Needed
Message-ID: <961015142233_1513825945@emout18.mail.aol.com>

In a message dated 96-10-15 07:28:02 EDT, you write:

<< Hi Tom:

I'm new to QRP-L and so I have a few dumb questions to ask. Since you are next on the Fox Hunt list, I thought you might be the logical one to have answer my questions. I think I have a basic idea of what the Fox Hunt is but I would like more details. For example, what is the procedure during the hunt? When a contact is made, what next? How did you get on the Fox list? Anything else you think of that may be of interest would be appreciated. >>

Hi Gary

Those aren't dumb questions at all. The fox hunt exchanges are a lot like a typical CW contest. I can best explain the exchange by giving an example of a few FOX QSOs:

```
FOX:  CQ FOX CQ FOX DE N9DD N9DD K
HOUND:  N9DD DE N8LXQ N8LXQ AR
FOX:  N8LXQ TU 5NN IN TOM 32 BK
HOUND:  R R TU 55N OH BRUCE 362 BK
FOX:  BK QSL BRUCE TU    CQ FOX DE N9DD K
```

That's a real snappy exchange where both stations are hearing each other well and repeats aren't considered necessary. There are lots of personal variations but the example is typical. When the fox calls CQ, some guys will just send their call or "DE" and their call. Since most everyone knows what kind of info is to be sent, you really shouldn't send things like "NAME TOM" or "QTH OHIO". If the info is sent in the same order, there is no need for labeling everything. 5NN is an abbreviation for the RST report of 599. It is common to send N for nine. The 32 and 362 in my examples are QRP list numbers. Hopefully you have seen info on how to get such a number.

After a QSO the FOX continues looking for more hounds. The hounds either sit and listen or QSY to another frequency and see who else is around.

Chuck Adams requested that those wanting to be a FOX this year send him their info in an Email. I sent mine along with lots of other guys. Chuck picked the ones who made it. I assume that he tried to get a good geographical spread and may have given extra consideration for QRP list old-timers or numerous other factors. I offered to buy him a Mercedes if he let me be a fox. That may have helped :-).

FB on your 30 meter rig. I enjoy 30 a lot. It is a great QRPers band. I hope you get your ICOM back in service soon. Good luck with your QRP efforts. I hope to hear you on 40 soon!

73,

Tom N9DD

South Bend, IN

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Patrick Taber <ptaber@logicraft.com>
Subject: [1948] Re: Fox Hunt Info Needed
Message-ID: <1.5.4.32.19961015190552.009488d0@freebird>

At 02:22 PM 10/15/96 -0400, you wrote:

>FOX: CQ FOX CQ FOX DE N9DD N9DD K
>HOUND: N9DD DE N8LXQ N8LXQ AR
>FOX: N8LXQ TU 5NN IN TOM 32 BK
>HOUND: R R TU 55N OH BRUCE 362 BK
>FOX: BK QSL BRUCE TU CQ FOX DE N9DD K

Just a procedural question from someone who doesn't know any better -- generally when I send a BK the answering station answers with a BK and then goes on with their part usually terminating in a BK to which I respond BK and go on with mine, and so on. I do it because they do it. (If they were to jump off an impedance bridge, I don't know what I'd do....)

In your example, the Fox sends his report and a BK then the hound sends his report and a BK then the Fox answers with a BK and ends the exchange (without a "dit dit"???) Did you forget a BK or is there a reason the Hound doesn't send one after the Fox's?

(OK, OK, I admit I've been a ham for seven years and still only have a 10wpm Code Proficiency Cert. Every time I try 15 I choke. But I've gotten more CW contacts in the last year than in the 6 before.)

>>>==>PStJTT

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [1959] Re: Fox Hunt Info Needed
Message-ID: <199610152026.UAA14566@chuck.dallas.sgi.com>

On the procedure that Pat asks about that posted by Tom, N9DD, i.e.

>FOX: CQ FOX CQ FOX DE N9DD N9DD K
>HOUND: N9DD DE N8LXQ N8LXQ AR
>FOX: N8LXQ TU 5NN IN TOM 32 BK

>HOUND: R R TU 55N OH BRUCE 362 BK
>FOX: R QSL BRUCE TU CQ FOX DE N9DD K
^^^ I edited here. BK was not needed. K5F0

I am with N9DD in that the BK is not needed by person taking their turn in the QSO. You will hear a lot of stations on the air send it when they start up. It is really not correct and not needed. You will also note that the call exchange at the first of each transmission is dropped. That will save a lot of time.

Just like copying entire postings :-), if you come back with one or more R's (for received EVERYTHING perfectly) then you don't need to impress me or the other person by repeating it back. It takes too much time at any speed. I believe you when you said you got it.

Also another common error, see page 3-15 of the ARRL Operating Manual. For the last transmission you should send:

... TNX FOR QSO GL GN CU AGN 73 72 <SK> N9DD/QRP DE K5F0/QRP E E

The prosign <SK> is sent before the call, not at the very end of the QSO as I hear many a ham do it. See pages 6-2 and 6-3 of the ARRL's "Morse Code - The Essential Language".

You people remember when everything you wanted to know about amateur radio was in the ARRL Handbook? Now you have to have at least the HB, Operating Manual, The Antenna Book, Morse Code, and a few more on top of that. It's the information age. Of course we have come a long way.

: Chuck Adams (K5F0 CP-60) WAS 40m/30m/20m=49/49/50
: EMPS QSOs=2 STATES(w/c)=2/0 DX=0
: MO TN

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [1969] Re: Fox Hunt Info Needed
Message-ID: <199610152310.SAA15797@multi2.pic.net>

Patrick wrote:

>...
> Just a procedural question from someone who doesn't know any better --
> generally when I send a BK the answering station answers with a BK and then

> goes on with their part usually terminating in a BK to which I respond
BK
> and go on with mine, and so on. I do it because they do it. (If they were
to
> jump off an impedance bridge, I don't know what I'd do....)...
>

Obviously, you'd resist and then react.

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Joe Gervais <vole@primenet.com>
Subject: [1945] Re: FYBO Gear & Shake Down Cruise
Message-ID: <199610151824.LAA14016@primenet.com>

Jay (WA5WHN) wrote:

>
> Oct. 19, 1997, my Lovely Bride (WB5LYJ) & I will be at the following
> Lat. & Long. to test out the gear for the upcoming
> "Freeze_Your'_Buns_Off" QRP AField event, sponsored by those Az.
[SNIP]
> We will be testing the SW-80 & Sierra & Ten-Tec Argo (5 watts) & 1 HB
> xcvr too, at that altitude & Weather conditions.

OK, let me get this straight - Your wife is a ham, she's willing
to plunge into the Great Outdoors with you, AND help test the
gear/antennas?

Folks, Jay has life WAY too good! Sheesh! And here I was feeling
pretty darn lucky 'cause my spouse lets me keep/operate my gear
in the bedroom. Well, I'm still lucky, but Jay here....

How'd you DO that?

> I have to remind myself, that in Arizona, cold weather is when You wear
> socks, with Your' sandals & Bermuda Shorts with T-Shirts & Raybans ; -)
> Thank goodness for Gortex. :-)

You bet! Otherwise the beer would soak through and smear
the sunscreen. :-)

Jay had a good reminder on batteries and cold wx, especially
if you're in the field. Not sure I want to resurrect the old
"What if I store my batteries on the cement floor" thread,
but just keep it in mind. :-)

Cheers de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPions

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: GREGOIRE@endor.com (ERNEST GREGOIRE)
Subject: [1972] Re: FYBO Gear & Shake Down Cruise
Message-ID: <199610152320.TAA272481@nss2.CC.Lehigh.EDU>

>Dear Fellow QRP Compadres,

>

>Elevation: 9,600 feet asl. Temperature, below freezing @ night, and
>maybe a dusting of snow (For the scQRPions, it's that white cold stuff
>that falls on mountains, north of Prescott, Az., around Flagstaff.)

>

>(We will be ~ 1 mile SE of the San Gregorio Lake, New Mexico)

>

> >Thank goodness for Gortex. :-)

>

> 72...Jay, WA5WHN

>

>PS There will be extra dots & dashes sent, because it will be cold.

Gee Ray, It's been 20 degrees here every morning for a week, and I'm
only at 1100 ft.

BTW I hate gortex, it makes me sweat, get wet, and stay cold.

I use wool.

73 de AA1IK
Ernie

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Bill Myers <bmyers@destin.nfds.net>
Subject: [1939] Re: FYBO QRP AField Shake Down Cruise
Message-ID: <1.5.4.16.19961015122241.1a4711ce@destin.nfds.net>

>Correction: Date should read Oct. 19, 1996, not 1997. Excuse the
>bandwidth.

FB, will keep an ear out... Maybe I'll keep both ears out...

>Also, don't confuse my comments, about the Az. scQRPions having to wear
>socks with their Sandals, bermuda shorts & Raybans, with a California
>Unix Programmer's attire. They only wear socks, to a formal meeting, in
>California. ; -)

I was wondering about this. This was really confusing to a person
who grew up in the Florida Keys in the 60's, and has never changed his
dress code.

Casual:	Cutoff's
Semi-Formal:	Cutoff's and a t-shirt
Formal:	Cutoff's, t-shirt (lettering/printing/slogan optional but recommended) and flip-flops (optional to wear on feet, usually tucked in back pocket).

72

--

Bill Myers KK4KF FISTS #2390 QRP-L #755 ARRL
Snail Mail P. O. Box 178
 Shalimar, FL 32579-0178
Grid EM60
e-mail <bmyers@destin.nfds.net>
homepage <http://destin.nfds.net/~bmyers/>

CHECK OUT THE FISTS HOMEPAGE <http://n9nvv.qrp.com/~fists>

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [1965] Re: Game 5, Fox World Series
Message-ID: <199610152245.QAA28016@zia.aoc.nrao.edu>

Doug, Chuck and the gang,
It has just been voted upon unanimously by the NM and AZ QRPers,
that you fellas in TX and CA can no longer use our air space
for your petty FOX wars. Henceforth, please reroute your
signals great circle path through Utah. Of course, you'll
need Bob's AC7ST (ex WA7FCU) permission as well.

72, Paul NA5N

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
Subject: [1966] Re: Game 5, Fox World Series
Message-ID: <Pine.GS0.3.93.961015185708.15095B-100000@orichalc.acsu.buffalo.edu>

I am going to use a couple miles of my wire to make a giant reflector so
CA signals get beamed to the west. Maybe this will help the Texans.
Can anyone else help. They are hurtin' Cowboys.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
jskalski@acsu.Buffalo.EDU

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Joe Gervais <vole@primenet.com>
Subject: [1967] Re: Game 5, Fox World Series
Message-ID: <199610152309.QAA13984@primenet.com>

Paul (NA5N) wrote:

>

> It has just been voted upon unanimously by the NM and AZ QRPers,
> that you fellas in TX and CA can no longer use our air space
> for your petty FOX wars. Henceforth, please reroute your
> signals great circle path through Utah.

Of course, in the spirit of the declared neutrality of
the AZ-NM block, we ARE willing to consider fair payment
for use of said air space. Last night's shutdown of the
path to Texas was a mere demonstration of our collective
power. Simply supply each AZ-NM QRPer with a St. Louis
vertical kit and a KC-2, and the path stays open. A small
price to pay, don't you think? Don't keep us waiting too
long - WA5VQK is operating from TX next week....

(Hey Paul, are your SURE this anonymous mailer really works?)

Cheers,

-Not Joe, Not KC7NEV, Not vole@primenet.com, Not AZ ScQRPions

(Doh!)

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: wb2vuo@juno.com (William K Hibbert)
Subject: [1891] Re: HB Pierce Oscillator
Message-ID: <19961014.202840.4807.1.wb2vuo@juno.com>

On Mon, 14 Oct 1996 02:43:23 GMT adams@chuck.dallas.sgi.com (chuck adams) writes:

>
>Working on a Crystal Controlled Pierce Oscillator.
>
>For all those that have been there and done that.
>
>1. Anyone use a 2N2222A?
>2. Did you find a perfect combo to get a perfect
> sine wave output for the components?
>3. I got rid of the chirp when keying the
> +12V with the typical 2N3906 circuit and I
> get good shaping.
>
>Problem areas:
>
>4. Sometimes and it seems to be a thermal problem
> when 2n2222 heats up the osc will jump up to
> third harmonic.
>5. Fundamental is 1/2 sine and there is another
> freq component on the other half of each
> 1/2 cycle. May be overdriving the osc, thus
> leading me to believe the circuit is just a
> shade off.
>
>I'm doing this at 10.116MHz.
>
>This outta start up some HB discussion. Oh, this is
>on a PC board and not ugly construction (yet). Should
>have started out there probably.
>
>dit dit
>: Chuck Adams (K5FO CP-60) 49/49/50 adams@sgi.com
>: EMPS QS0s=1 STATES(w/c)=1/0 DX=0
>
>

=====

I had a problem with the oscillator in the KB2YTW/B beacon. The "Little Joe" I built used a 2N2222A for the oscillator, and overtone oscillator in fact, and I had a grunch of spurii in the 4 - 16 MHz range. I tamed the oscillator down, finally, by feeding the oscillator with a separate +6V regulated line. I put a 3-terminal TO-92 regulator on the board (78L06), and the problems and spurii went away. The final is fed from a +8V regulated line, and I have a 78L08 for that stage. The only thing in the rig fed directly from the +12V line is the ID'er.

You might want to try reducing the collector voltage first before going into a more complicated fix.

72/73, Keith, WB2VU0, QRP-L #582

Trustee, KB2YTW/B 10 Mtr Milliwattting Beacon (250 mW @ 28.2870 MHz)

"In the Depths of the Great Bergen Swamp...FN13ac"

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996

From: wb8ygg@juno.com (Bradley S. Mitchell)

Subject: [1888] Re: HB: DC to light Tx, Rx

Message-ID: <19961013.215927.2871.0.WB8YGG@juno.com>

DC to light for sure.

I guess I have to get the QRP Quarterly!

Sounds like fun.

I guess I am really wondering how come those darn dds chips are so much ? I guess they call it NRE.

73 and keep up the good work!

Brad WB8YGG

On Thu, 12 Sep 1996 18:43:38 PST kd1jv@juno.com (STEVEN WEBER) writes:

>

>

>Hi Brad,

>

>Been working in that direction. Got two of the major building blocks

>done. One is the DDS VFO. It converts DC to 23 Mhz with continues

>tuning and 1 Hz resalution. Got it in kit form if your interested.

>

>for it :-)

73, de KD1JV, Steve in NH

>

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: JEVERHART@cayman.litc.lockheed.com
Subject: [1933] RE: HB: temp comp for varactors?
Message-ID: <961015124624.20c02945@cayman.vf.mmc.com>

Tom, you wrote:

>Ok, here's a homebrew question...

>

>I've seen a couple of different methods of using a diode junction for
>temperature compensation of the tuning voltage on a varactor diode.

>

>One basically parallels the temp comp diode and some variable resistance with
>the varactor, giving a voltage across the varactor which tracks with
>temperature. This appears, for instance, in NN1G's new White Mtn. transceiver.

>

>The other puts the diode in series with the tuning voltage, giving a
>0.7V drop in the voltage which tracks with temperature. This was used by DeMaw
>in an old varactor VFO article.

>

>One of these methods has to be wrong. Which one?

>

>=====

>Tom Randolph	N100Q	NE-QRP 419	QRP-L 87	ARRL	randolph@asic.enet.dec.com
---------------	-------	------------	----------	------	----------------------------

>=====

And the answer is..... neither!

The temperature coefficient of a varicap (*correct* jargon for a voltage variable capacitance diode or varactor) is a nonlinear function of the applied tuning diode. No simple temperature compensating scheme can perfectly counteract the effects of temperature. There will be too much compensation at some tuning voltages and too little at others. So, like most other things you have to strike a happy compromise.

The above two methods are simply two ways of accomplishing that aim. Temperature compensation can be a very complex process, particularly for anything that is *mass produced.* Some of the factors involved are tuning range, inductor frequency temperature coefficient, varicap tolerance, effect on tuning dial accuracy and the effect on tuning nonlinearity.

You might try querying the designers as to why they chose their particular method. And share it with the group here. We *homebrewers* would like to gain some insight.

72/73,

Joe E., N2CX

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [1963] Re: HB: temp comp for varactors?
Message-ID: <Pine.LNX.3.91.961015142934.3442A-100000@dt1.datatamers.com>

Tom,
The one with the diode in series with the tuning voltage WORKS. I don't know about the other one. I also found that with the MVAM-108 it must have at least 2V minimum to insure linearity of the tuning dial.
72, Dave, W6EMD

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Bill Todd <bill@techline.com>
Subject: [1900] Re: Heathkit Help
Message-ID: <1.5.4.32.19961015064329.0066ae84@205.134.192.32>

At 10:12 PM 10/14/96, you wrote:
>I need a schematic for a Heathkit model IG-70 audio generator. I called
>Heathkit Co. but they want \$30 for a manual by the time shipping and
>tax are added .

Hi there -
You can probably get a better deal by calling W7FG (Vintage Manuals) at
(918)333-7893 or (800)807-6146

I am not sure if the free 800 number is working or not. Good luck!
DE Bill-N7MFB
NW QRP #1 AK-QRP #4, CO-QRP #41, NE-QRP #63,
NorCal #214, QRP-L #715, MI-QRP-#1109, ARCI #6802
(co-owner of Yorkshire Terrier named "Bart")

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [1961] Re: Help: Filter design/analysis
Message-ID: <199610152045.UAA14752@chuck.dallas.sgi.com>

Dan et.al.,

I printed off your question and I'll personally give you a response in the next day or two. I need the hard copy and I'm at the house.

I had just posted a message on Morse and the books needed for ham radio.

One of the things that I do here in Dallas is wander into the Half-Price Book Stores as often as possible. This is a place where used (pre-owned is the politically correct term now) books and out-of-print books can be found. That's good news but the bad news is that I'm not the only one looking for good buys on books and a book may be on the shelf one day and gone the next. It is catch as catch can.

Just last week I found a paperback by Irving Gottlieb called "Simplified Practical FILTER DESIGN" (his caps, not mine). Tab Books 1990. Book cost me \$8.48 before the Lone Star State adds on their tax. Irving has the design parameters for a few filters worked out so I'll see if your question is answered in the book.

Don't know if I can find an extra copy. It won't be on a web page. :-)

: Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50
: EMPS QS0s=2 STATES(w/c)=2/0 DX=0
: MO TN

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: "Bob Follett" <bfollett@ditell.com>
Subject: [1975] Re: Initial results for Mon. 10/14/96
Message-ID: <199610160052.SAA28860@orion.ditell.com>

Gang & Mike C

Our most recent Fox, NQ7K, wrote:

<<I wonder if the 0100-0300 time slot would have
been a better choice.>>

You would have missed Utah that way. I listened to the other side of the QS0's without hearing Mike until about the time we worked 0338Z. About 5 minutes later, Mike peaked at least 3 S units above the noise! Clearly,

the band shifts its skip positions around in that 2 - 0400 hour time period. Someone noted from California that "the band just dropped out". Well, unless the MUF drops below 7.0MHz across the entire USA, (Including Texas :-)) its open somewhere. As Chuck said, its just a matter of listening a lot.

Presently, I am 4 foxes for 4 tries, but I would be about 1 fox had I stopped listening after the first hour or so. Yeah, I know this won't work for everyone, all the time, or even half the time, including me -- not a chance; but do maximize your opportunity to nail the Fox by listening off and on over the entire allotted hunt period.

73, Bob

Bob Follett AB7ST, QRP-L # 129, NorCal, ARCI, 10-10, ARS
2861 Estates Dr. VOICE: 801.649.6457
Park City, UT 84060 E-mail: bfollett@ditell.com

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: George Gingell <k3tks@u1.abs.net>
Subject: [1928] Re: KL 80M Roundtable
Message-ID: <Pine.BSI.3.93.961015121443.29226A-100000@u1.abs.net>

Hi Paul and gang,
One or two quick comments. I made it, but late again. I got involved in a TV movie with the XYL. Band seems to be getting better in spite of the noise level. One thing that I would suggest is for the NCS to go ahead and try for the basic info on any newcomers to the net. I have found that often you only get one shot at getting their info due to propagation and also the fact that they are new and a bit unsure of themselves. I have also found that involving those who QNI in the callup procedure helps keep them around as well. I like to use at least one or two outlying stations to help extend the coverage of the net. It is especially effective with helping reach the stations who are too close to be heard.
On another subject, FYI 40 meters was open at 0300z last night. I worked france and cuba on 1 watt. Heard some other DX down low in band but there was too much qrm to make the contact. Always a good sign :^)..

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Craig LaBarge <74740.3166@CompuServe.COM>

Subject: [1973] RE: More St. Louis Vertical Stuff
Message-ID: <961016002606_74740.3166_EHB208-3@CompuServe.COM>

Dave, NFOR wrote:

> I hope you will find this follow-up helpful. Please keep your comments
> and mods coming.

Thanks for posting the additional details on the SLV design. Your design seems to have filled a need for a simple antenna for portable use. My Black Widow should arrive this week and I'm looking forward to tinkering with it.

> The twinlead specified for the prototype places approximately 51' of
> radiating conductor on the base of the collapsible pole. The vertical
> radiator adds another 16' for a grand total of 66'. Therefore the
> antenna offers a desirable half-wave on 40M, a full-wave on 20M and so
> on.

Some of the antenna experts on the list might want to check me on this, but I think what you have here is a base-loaded vertical. While you have 66' of wire here, I don't believe you have an electrical 1/2 wave on 40 meters. In fact, I think someone posted to the list that they measured 1/4-wave resonance at 5 MHz or so.

> Optimizing the antenna for 80M might include a full half-wave of speaker
> wire or zip cord for the coil. The additional electrical length will be
> helpful.

Again, what you describe here is a short, base-loaded vertical or something more akin to a helically-wound vertical. The general rule of thumb for a helically-wound vertical is that a 1/2-wave of wire gives you approximately 1/4-wave resonance. So, in the configuration you describe, I think you would probably be closer to 1/4-wave resonance for 80 meters.

The configuration I'm planning to experiment with my Black Widow is to wind the coil with a single wire over the lower section of the rod to bring the 16' radiator to resonance as a 1/4-wave vertical. Using the program in HamCalc for mobile whip antennas, it will probably require something on the order of 10 microhenries or so of inductance to bring it into resonance. I also plan to use the shortened radials and twinlead feeder. I'll keep the list posted on how this configuration works.

Thanks again for a great portable antenna design. I have a feeling this will be a fun project!

73, Craig WB3GCK

P.S. I can't imagine what's going through the minds of these fishing rod

manufacturers as they try to figure out why there's a sudden run on 20-foot rods in October!

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Bill Todd <bill@techline.com>
Subject: [1899] Re: Need a source
Message-ID: <1.5.4.32.19961015064845.00663ad4@205.134.192.32>

At 10:52 PM 10/14/96 -0400, you wrote:

>Hey fellas and gals;

> Anybody out there in QRP-Land have a source for pure silver wire? How
>about pure gold wire (in VERY small quantities, obviously)?

> Thanks, Emory N4NCU

>

I have about 50 pounds of Platinum wire, but I am sure you can't use it (hi)

NW QRP #1 AK-QRP #4, CO-QRP #41, NE-QRP #63,

NorCal #214, QRP-L #715, MI-QRP-#1109, ARCI #6802

(co-owner of Yorkshire Terrier named "Bart")

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: "j.w. thornton" <dub@oklahoma.net>
Subject: [1938] re Noisey OHR Classic:
Message-ID: <199610151720.MAA22165@dns.okc>

I have an OHR Classic that I bought during a group purchase late in 1995. I find it to be one of the most quiet receivers I have used. I do not have the other homebrew rigs mentioned in comparison, but do have 5 Ten Tec rigs, and have used many other commercial rigs over the years & find the OHR Classic to be right near the top of the bunch. The Corsair II is a tad more quiet, but none of the others are.

I recently had an interesting experience along these lines. I was running an old Ten Tec Delta that I love, but know the receiver is a bit noisy on it. I called CQ, had a very weak answer, right down in the noise level come back. I finally copied his call after perhaps 6 tries. I asked him to continue sending, while I fired up another rig. I fired up the Classic, tuned him in, and carried on a 45 minute QSO with him, when I could not begin to copy on the Delta, due to the noise level. It turned out to be a Classic to Classic QSO, as he was also running QRP on his OHR Classic.

Has the Classic been redesigned since I bought mine? I have heard this is so. At any rate, my Classic is a very quiet receiver. Antenna used is a 80

meter horiz loop at 35'.

More fuel to the fire! "72"

J. W. (Dub) Thornton WA5YFY
Minco, Ok.

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Charlos Potma <Charlos.Potma@rivm.nl>
Subject: [1911] Re: Noisy Classic
Message-ID: <199610151300.JAA262567@nss2.CC.Lehigh.EDU>

>

>Hi Gang,

>

> Okay, I have a question about the OHR Classic receiver performance. When
>I ordered this rig a long while back, I heard many positive reports about
>its performance, and indeed it is quite a good rig. However, I found that it
>is also a very noisy rig, compared to either the ARK-20 that I have, or even
>to the NN1G.

>.....

Daniel, it has been my experience that the pre-amp in the Classic is
the cause of most of the noise. My Classic is totally unusable in
combination with a large Windom type antenna, but it performs
beautifully with my small magnetic loop antenna.

Try switching out the pre-amp, perhaps by using a couple of
(regular) switching diodes -:)

73,

Charlos Potma, PA3CKR
Charlos.Potma@rivm.nl

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: kt3a@juno.com (Cameron CR Bailey)
Subject: [1990] Re: phone leaks
Message-ID: <19961015.204848.8183.1.kt3a@juno.com>

I know of a local QRP'er, who shall remain anonymous, who managed
to couple his QRP tx/rx onto the arial run of phone line. He claimed
good
operation on 80 meters using this technique. The capacitor was chosen
to block DC and have a high reactance at the ringing frequency.
The things we do in places where no antennas are allowed!

72,
Cameron CR Bailey, KT3A <><
ARCI Board member, QRP-L 7
QRP Society of Central Pennsylvania

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: talljazz@teleport.com (Dan Presley)
Subject: [1942] Re: QRP homebrew list
Message-ID: <v01530503ae897db46ab6@[206.163.124.156]>

Please don't split the list-as many have said on here, yhere's lots of reasons to keep it all intact. Please give consideration to the "header" idea-"HB". Many of us (myself included) are 'kit' guys, yet we benefit from reading posts from the 'hi-tech' guys, and we're encouraged to strike out and try some homebrewing. You must admit this list is a lot closer to the spirit of homebrewers and tinkerers than any other list out there.As far as volume, or lack of hb postings, I can't believe that this would discourage a serious posting or discussions. I regularly scan the headlines of my mail. and read what seems interesting and the rest as time permits. Please keep the list together.
Thanks, Dan N7CQR

From owner-qrp-l@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: jdenison@aisp.net (JOEL DENISON)
Subject: [1935] RE: QRP SSB
Message-ID: <19961015165348706.AAA312@slip1.ts-f-merrill.caps.maine.edu>

hIGH their:

I am looking for qrp ssb qso's. any bodies out there running ssb qrp? What frequencies? what time? I'm available most any time. Need Maine qrp ssb cw drop a word e-mail style and we can meet "wherever at whatever time on the air."

bye now

god bless

joel

WA5CVM

Joel Denison

81 High street

Farmington, Maine 04938

jdenison@aisp.net

Qrp ARCI #4066 NE-QRP #476 QRP-L #765

Horiz. Loop up 30ft Inverted V up 33ft.

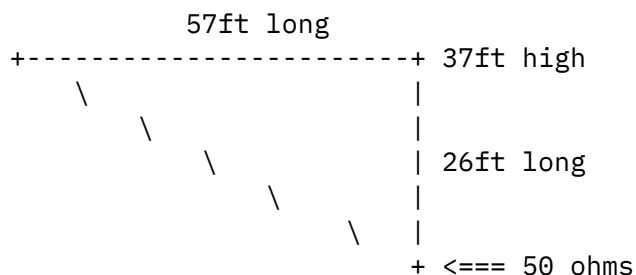
QRP PLUS 5w SSB & CW

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
Subject: [1927] Re: Rotatable Dipole

>I'm an antenna weenie. How does a full wave loop compare
>to a dipole? I'm looking at building a 40m loop (as in the
>Loop Skywire) on my little lot. Should I invest the effort?

Hi Mike, Don't know much about horizontal loops. 40ft high
vertical full-wave rectangles have higher gain and a lower
take-off-angle than 40ft high half-wave dipoles when the
loop is fed on a side to achieve vertical polarization.

I put up an interesting 40m loop last night:



This thing has 3dBi broadside gain for take-off-angles
17deg-70deg, good for all distances including DX. It's
3dB down at 7deg take-off-angle. It is fed 11 ft off the
ground right outside my shack window so uses very little
coax. Below a TOA of 30deg, the polarization is primarily
vertical. Above 30deg, it is primarily horizontal.

73, Cecil, W6RCA, 00TC (not speaking for my employer)

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Bill Myers <bmyers@destin.nfds.net>
Subject: [1991] Re: SLV & QRPp
Message-ID: <1.5.4.16.19961015224530.1a974d92@destin.nfds.net>

>I received my pair of "Black Widow's" last week from Cabela's,
>now if my QRPp would just show up so I could figure out what to do
>with them. :^) I guess I could take my Grandson and go fishin' if
>all else fails. :^)

>Wonder if they will work as a phased array lashed to the back
>of the car. QRPp Mobile. :^)

Why wait for your QRPp, go the Norcal Home page and download the instructions and figures. That's what I did. I got my pole today. Got the construction done tonight listening to the pileup for the fox, never did hear the fox though. Thought I saw the tail once, but not too sure... Skunked again...

72

--

Bill Myers KK4KF FISTS #2390 QRP-L #755 ARRL
Snail Mail P. O. Box 178
 Shalimar, FL 32579-0178
Grid EM60
e-mail <bmyers@destin.nfds.net>
homepage <http://destin.nfds.net/~bmyers/>

CHECK OUT THE FISTS HOMEPAGE <http://n9nvv.qrp.com/~fists>
^^^^^ That's N 9 N V V

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
Subject: [1919] Re: Turning a \$25 40-9er into a "Superrig"
Message-ID: <199610151507.KAA02256@multi2.pic.net>

Well, it will never be a super rig. When you're done, you'll have a roller skate with dual overhead cams, cruise control, parachute braking, metal flake paint, and bucket seats. It will only cost \$5 less than a cadillac. On the other hand, it might be quite a conversation piece. The 40-9er is not a "good basic radio skeleton". It is an excellent example of how much can be accomplished with so little. A better example of a good basic radio skeleton is the R2/T2 direct conversion rcvr/tx combination.

Even when you have finished what you have suggested, there are still a few things missing, like dynamic range, tuning range, and AGC (sorry Chuck). AGC is particularly vital to me this morning, because last night I was listening to the fox with my 40-9er when local N6XI started to call him and nearly melted my headphones, along with that mushy stuff between the earpads.

Having said all these discouraging things, I say go for it! Build it in modules, one piece at a time. Play with each part a while before adding

the next enhancement. Learn from it each step along the way. You'll probably replace the 40-9er core along the way. You'll learn what works and what doesn't work. It will be the cheapest college education you can buy.

Good luck and keep us posted!

Mike K1MG
Saratoga, CA

> From: Basil Arrick <basil@mail.airmail.net>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: Turning a \$25 40-9er into a "Superrig"
> Date: Monday, October 14, 1996 3:00 PM
>
>
> Would it be worthwhile to build a stock 40-9er for \$25, bet it
> working and play with it for a while, and then add such things as:
>
> 1) KC-[1|2] frequency counter/keyer (my preference would be the KC-2)
>
> 2) Increase front-end selectivity with input filters
>
> 3) 500hz or 250hz CW filter (the Wes Hayward, W7ZOI (?) design)
>
> 4) Another RF amp stage (switchable on/off) for 5 or 10 watts out
> (no flames on this! :-))
>
> 5) Built-in antenna tuner
>
> I'm not an Altoids fan, so my 40-9er will be built into a real metal
> project box. Therefore, there would be room for this kind of stuff
> inside the case.
>
> I just thought that the 40-9er would be a good "basic" radio skeleton
> to start with, and then this other stuff could be added one thing at
> a time, resulting in a better radio (not that the 40-9er isn't great
> to begin with; I've only heard positive comments).
>
> I'm just wondering if I am blowing up a "supposed to be small and
> simple and cheap" radio into some menagerie.
>
> Opinions? Suggestions?
>
> (Flames will be redirected to the author at least 10, and probably
> 100, times. :-))

>
> Basil (Darin) Arrick, KB5KHR
> basil@turn.com
>
> Grid EM13ia
>
>

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [1931] Re: Turning a \$25 40-9er into a "Superrig"
Message-ID: <199610151640.MAA20571@mh004.infi.net>

Hi Basil,

At 04:00 PM 10/14/96 -0600, you wrote:

>
> Would it be worthwhile to build a stock 40-9er for \$25, bet it
> working and play with it for a while, and then add such things as:
>
>1) KC-[1|2] frequency counter/keyer (my preference would be the KC-2)
>
>2) Increase front-end selectivity with input filters
>
>3) 500hz or 250hz CW filter (the Wes Hayward, W7ZOI (?) design)
>
>4) Another RF amp stage (switchable on/off) for 5 or 10 watts out
> (no flames on this! :-)
>
>5) Built-in antenna tuner

I think what you are talking about is part of the fun of the 40-9er. It works as is, but it's ripe for a lot of mods, a real learning machine. (you didn't mention adding a VF0)

It probably would be more practical to build a kit with all of those features, but it's a lot less challenging.

CUL,
Bob Kellogg, AE4IC
Prolably, but not nececelery. - Benny Hill

From owner-qrp-1@Lehigh.EDU Tue Oct 15 23:11:39 1996

From: WJ4PRandy@aol.com

Subject: [1952] Re: Turning a \$25 40-9er into a "Superrig"

Message-ID: <961015153744_543678857@emout02.mail.aol.com>

Logic:

Based on my experience with the 40-9er, which is a great "novelty" radio, that adding all that other stuff to it could be fun, but less rewarding than perhaps waiting for the SST and doing those things with it.

Emotion:

Part of the charm of the 40-9er is its simplicity. Operating this rig is a joy partly because, in this day and age of microprocessor based "everything" is a simple, no frills, basic radio that gives me the same feelings of awe as the crystal radio kit I put together as a kid.

73, Randy WJ4P